Registrar's Office

CENTENARY COLLEGE

CATALOGUE 1972 - 1973

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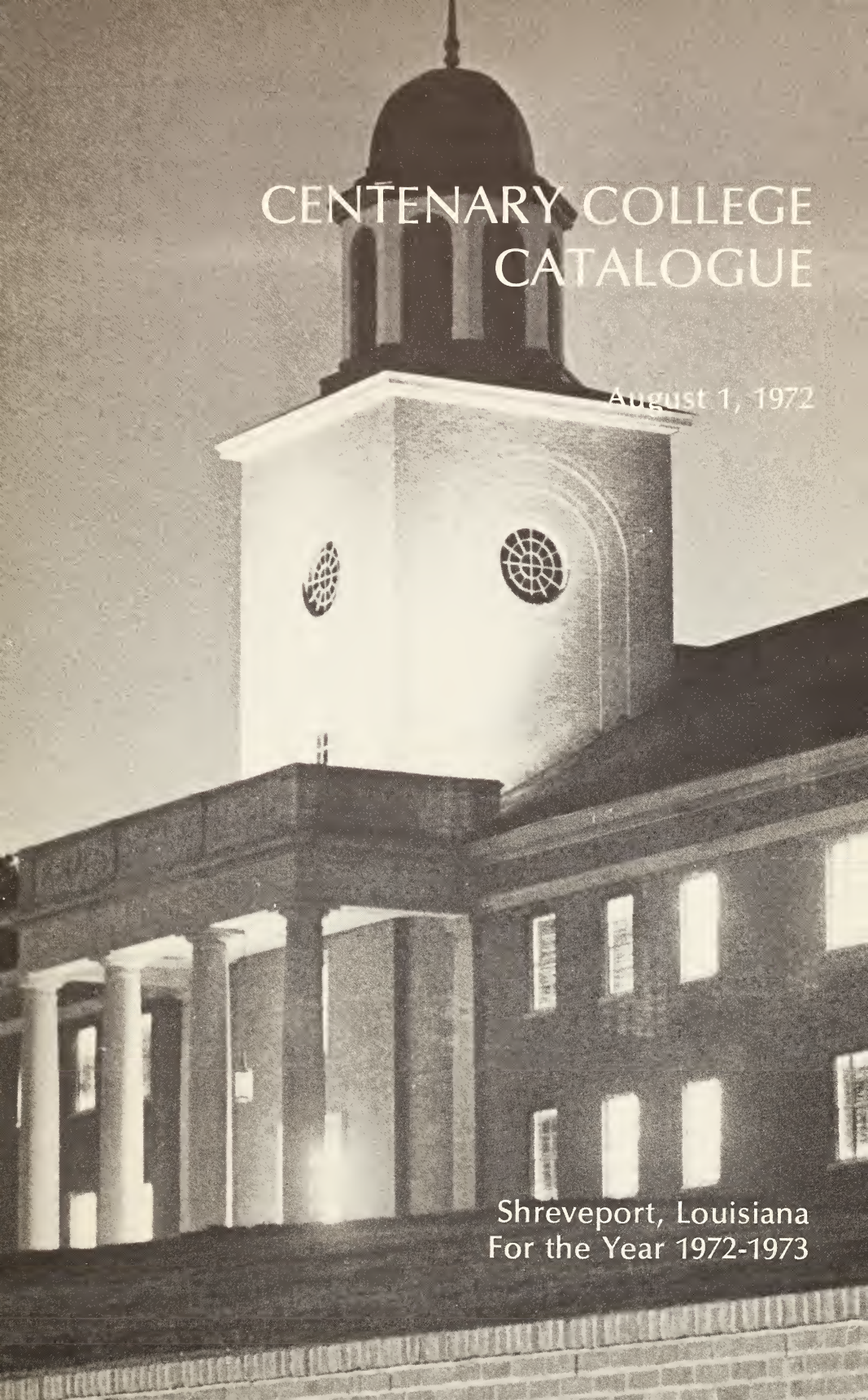
Centenary College of Louisiana
Shreveport, Louisiana
An Equal Educational Opportunity Institution

The contemporary Centenary College logotype or symbol depicts two interlocking "C's" and a flame. The two "C's" represent the initials of the College and the flame of knowledge is a symbol for the learning that has given our institution its reputation for quality education. The up-to-date design reflects the modern academic and social aspects of the College—the aspects which have given Centenary College its high place among the nation's educational institutions.

The official seal of Centenary College states the motto of the institution. Translated, the Latin phrase "Labor Omnia Vincit" means "Work conquers all." And it is through this commitment to hard work that Centenary College, and the entire Centenary family, has distinguished itself in many fields of endeavor since its founding in 1825.



CENTENARY COLLEGE CATALOGUE

August 1, 1972

Shreveport, Louisiana
For the Year 1972-1973

Centenary College is an independent coeducational liberal arts college located in a thriving and active city in northwest Louisiana, a metropolitan area numbering about 250,000 in population. The campus is beautifully wooded and rolling, with handsome architecture mostly in the Georgian colonial style. Centenary is the only fully-accredited four-year college in Shreveport, and indeed the only such private institution in north Louisiana. It is the oldest chartered institution of higher education in the United States west of the Mississippi River, and will in 1975 celebrate its sesquicentennial. While most of its students come from the tri-state area usually called the Ark-La-Tex, it attracts students from 35 states and eleven foreign countries. The College is primarily residential, with nearly 80 per cent of the students living on campus. Within 20 years of its founding, the College became affiliated with the United Methodist Church, and the Church and its members are active in support of the College and its programs. Students at Centenary live a vigorous and demanding academic, intellectual, and social life, and enjoy a high degree of freedom and responsibility in self-government and in participation in the governance of the College, holding full voting memberships in nearly all the College committees.

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I
CENTENARY COLLEGE

Centenary College of Louisiana has a long and enviable history of dedication to the central principle of liberal education—that "the truth shall make you free"—however hard educators (and others) find it to define this phrase fully. The liberal arts and sciences (the principal areas of study available to students at Centenary) are valuable for their effect, when studied attentively and diligently, of freeing the mind and spirit of prejudices and superstitions, and of developing a lasting preference for reason and civility in discourse and in life. The Faculty and staff of this College are dedicated to and skilled in the inculcation of these values; their record for nearly a century and a half has been one of success in providing this region and the nation with graduates who exemplify these educational standards. Liberal education is first and foremost education for citizenship and for leadership in society, however valuable it may also be for developing skills and competencies for success in vocations and professions.

The central purpose and objectives of the College were formulated by the Faculty a number of years ago in the following statement: "As a church-related college, Centenary seeks to provide liberal arts education for students capable of intellectual leadership and for all who can benefit from study in an academic community where excellence is encouraged and individuality is respected. The College purposes to challenge

its students to serve society by exemplifying the highest Christian ethic; to provide them with a basic understanding of human affairs and problems; to equip them to think clearly, honestly, and constructively, and to communicate effectively; and to introduce them to the arts and sciences that they may enjoy the best of the heritage of civilization. By requiring a field of major concentration, the College prepares students for education beyond the baccalaureate degree as well as for immediate participation in an increasingly complex society."

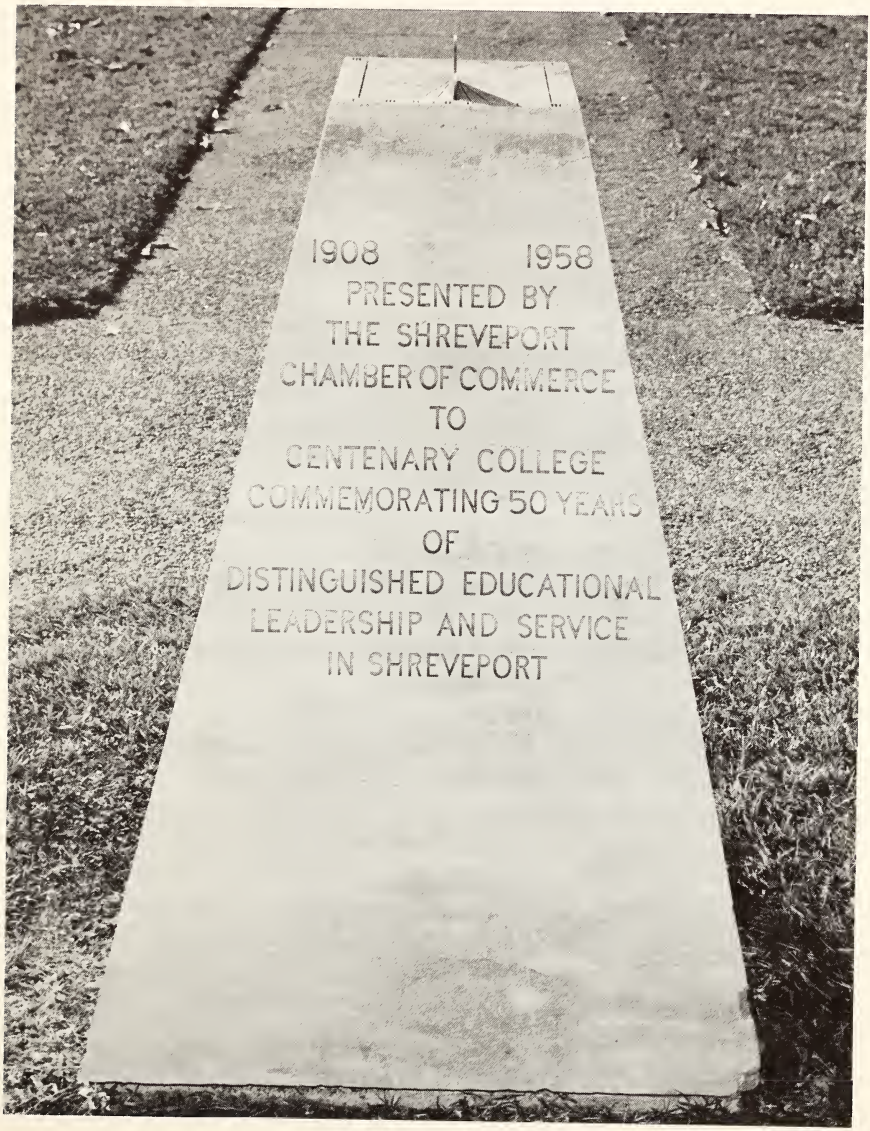
Centenary is fully accredited by the recognized regional and national agencies: it is a member of the Southern Association of Colleges and Schools, the National Association of Schools of Music, and the American Association of University Women. The College is approved by the American Chemical Society and the University Senate of the United Methodist Church. It maintains membership in the American Council on Education, the Association of American Colleges, the American Alumni Council, the American Association of Colleges for Teacher Education, the American Association of Collegiate Registrars and Admissions Officers, the Association of University Evening Colleges, the National Commission on Accreditation, the Council of Protestant Colleges and Universities, the National Association of Schools and Colleges of the United Methodist Church, the Louisiana Academy of Science, and the Conference of Louisiana Colleges and Universities.

Centenary is also a member of the Southern College University Union, Inc. The other member institutions are Hendrix, Millsaps, Birmingham-Southern, Southwestern-at-Memphis, Centre, and Emory and Henry Colleges, the University of the South, and Fisk and Vanderbilt Universities. Besides various cooperative programs among the institutions, Centenary also enjoys through this Union a special relationship with the Oak Ridge Associated Universities for faculty and advanced student research in the natural sciences. The Union also maintains a staff member at the Joint Universities Library at Vanderbilt for the rapid exchange of library materials and research assistance, and jointly sponsors a summer program at Oxford University.

The College of Louisiana was founded at Jackson in 1825. In 1839, in celebration of the centennial of Methodism, the Conference of Louisiana and Mississippi founded a college named Centenary at Clinton, Mississippi. It was moved to Brandon Springs, Mississippi, in 1840, and graduated its first class in 1844. Both colleges, however, struggled for funds and for students. The trustees of the state college agreed to relinquish its charter to the Methodist Conference in 1845, provided only that "Christian instruction and discipline" be always offered on a non-sectarian basis. That spirit has informed the relationship of the College to the church from that time until this. The merged institutions, under the name "Centenary College of Louisiana," resided

in the buildings at Jackson until 1906, when, the railroads having bypassed the small community, it became obvious that the kind of metropolitan support necessary for a first-rate college would not be available there.

At that time the Atkins family of Shreveport, together with a group of their friends, offered land for a campus and the support of Shreveport for a college there. Citizens collected money for buildings and classroom equipment, and the first classes were held on the present campus in 1908. (The sundial between the Brown Chapel and the Library records the 1958 congratulations of the Shreveport community on the first half-century of the College here.)



The campus of Centenary College is widely known for its natural beauty and the excellence of its structures and facilities. The Crumley Memorial Gardens are visited by thousands and photographed by hundreds during the blooming season of the azaleas. The golden geodesic dome of the new physical education and athletic center is a very visible symbol of the College as it rises 80 feet above the South Campus. The academic heart of the College is in the handsome structure of the College Library, which at present houses over 100,000 catalogued volumes, and which provides in addition numerous private study rooms, extensive microfilm equipment, faculty offices and classrooms, the Centenary Gallery for art exhibits, and listening rooms for an extensive record collection. The Library is connected by teletype equipment with the Louisiana State Library, as well as the nationwide TWX network.

Brown Memorial Chapel, the gift of Paul M. Brown (chairman emeritus of the Board of Trustees) and Colonel S. Perry Brown (a life member of the Board) in memory of their parents, will seat the entire student body and Faculty in their present numbers. Regular Sunday services are held there, as well as the regular chapel services held nearly every week.

Other buildings on the campus include: the Marjorie Lyons Playhouse, gift of Trustee Charlton H. Lyons, Sr., and his family, one of the handsomest and best-equipped college theatres in the country, and the home of the Rivertown Players, the College drama group; the Ed E. Hurley Memorial Music Building, a gift of Mrs. Hurley (another life member of the Board of Trustees) in memory of her late husband, houses the Centenary College School of Music and provides soundproof studios and practice rooms, a recording studio, a music library, and a spacious recital hall; the Dean R. E. Smith Building, gift of the Louisiana Conference of the United Methodist Church, has classrooms, meeting rooms, Faculty offices, and a small auditorium with kitchen facilities; the Mickle Hall of Science, which houses all the science departments and the departments of mathematics and education and psychology, as well as the Computing Center (with a recent IBM 1130 computer system) and the comfortable rehearsal hall and recording studio of the Centenary College Choir, an internationally famous singing group. (This room was furnished through the generosity of Mrs. G. M. Anderson, a trustee of the College, and the late Mr. Anderson.) Jackson Hall, named to commemorate the original site of the College, houses the humanities departments; and administrative offices are located in Hamilton Hall, the gift of Mr. and Mrs. D. P. Hamilton. (Mrs. Hamilton was a trustee of the College, and was a member of the first graduating class in Shreveport.)

Student life, residential and social, is accommodated in three women's and two men's dormitories, two spacious and attractive dining halls (with three private dining rooms for meetings of student and

Faculty groups), and the Randle T. Moore Student Center, familiarly known as the SUB, which contains a snack bar, the campus bookstore, the College post office, meeting rooms and offices for student organizations and publications, a billiard and ping-pong room, and a comfortable TV lounge, in addition to the office of the Director of Student Activities.

* * * *

The selection of a college or university in which one will spend four or more of the most important and exciting years of one's life is never an easy task. It is harder than ever in these days of massive growth of public educational institutions, the burgeoning of a nationwide community college system, and ever rising costs in private education. The fact remains that the most effective education takes place under conditions in which mutual explorations occur between persons who can come to know each other personally and as individuals. This is the kind of educational environment Centenary College has successfully sought to establish. And although members of this community recognize that much education takes place outside the classroom and laboratory, it is nevertheless to take advantage of a society of trained and mature minds that one enters formal higher education. Centenary is especially, and justly proud of its Faculty, all of whom are dedicated to teaching and to learning as a profession, and many of whom are nationally and internationally known authorities in their fields of study. Ninety-five per cent of the senior Faculty hold doctoral or other terminal degrees; a glance at the Register in the back of this Catalogue will indicate the wide and distinguished variety of universities, here and abroad, from which they come. All courses, freshman and upperclass, are taught by fully-qualified members of the Faculty, who also serve as personal academic advisers to the student, and who make it a point to be available for consultation with students many hours each week in addition to their classroom responsibilities.

II
THE CENTENARY STUDENT

LIVING ON THE CAMPUS

The student body of Centenary College is composed of students from all sections of the United States, and many foreign countries. The residence halls will accommodate approximately three-fourths of all full-time students. The College believes that group living in the academic setting is most conducive to personal growth and development, and to complete involvement in campus life. Therefore, all full-time single students who are not living with parents or close relatives or have obtained special permission are required to reside in the residence halls and to purchase meal tickets for use in the dining halls. With the approval of the Dean of Students, a few men are allowed to reside in the fraternity houses that offer accommodations. Meal tickets are required for fraternity house residents.

All the residence halls are air-conditioned. The three women's dorms, James, Hardin, and Sexton, are located on Sexton Drive. The men's residence halls, Cline and Rotary, are located on the south side of the campus. In their respective residence halls, men and women are offered rooms to achieve a desirable balance of classification and background.

Junior and senior women who meet qualifications set up by the Women's Student Government Association and the Dean of Women have the privilege of living in Hardin, a residence hall offering unrestricted hours. Parental consent is required for residency there.

Two well-equipped dining halls are located on Sexton Drive and offer hot meals daily at time convenient to class hours and examination schedules. Light meals and snacks may be purchased at the snack bar in Moore Student Center.

STUDENT GOVERNMENT

Believing that responsibility and self-direction are necessary parts of the college learning experience, Centenary traditionally has encouraged and supported student government. (It had its first combined Faculty and student judicial body in 1846.) Students now serve on nearly all College committees as full voting members. Considerable authority to govern, regulate, and control student affairs within the framework of the College administrative policies is delegated to such responsible bodies as the Student Senate, the Honor Court, and the Men's and Women's Judicial Boards. Officers and members of the Senate are the elected representatives of the entire student body. All social or competitive functions affecting students, including campus elections, are the responsibility of the Senate. Senate Committees also arrange and sponsor movies, entertainment programs, and visits to the campus of prominent speakers representing different fields of activity and points of view.

To a large extent, students themselves constructed the Honor System which binds all students and governs all academic work at Centenary College. Through an Honor Court of five justices chosen from nominations by the Faculty and the student body, the students themselves administer the Honor Code. The Honor System is based on the premise that honor is fostered, not forced, and that it can be fostered only through the willing and earnest efforts of both Faculty and students. All full-time students who enroll at Centenary must subscribe to the Code, and thus automatically become a functioning part of the system.

The Women's Student Government Association acts as a unifying body for all women students at Centenary. It establishes and maintains standards of conduct for women, and it fosters closer communication between dormitory residents and those who live in town. Dormitory Councils and a Judicial Board supervise administration of housing regulations and hear cases involving infractions of dormitory rules.

An elected Men's Dormitory Council acts upon infringements of housing rules which do not come under the jurisdiction of either the Honor Court or the Student-Faculty Discipline Committee. The Men's Judicial Board, composed of elected upperclassmen, considers appeals and referrals from the Dormitory Council and rules in other matters involving policies governing men students.

RELIGIOUS LIFE

Centenary believes that religious faith is the foundation of intellectual

attainment as well as of personal development. The student is therefore provided with many opportunities for worship and for private meditation in the College Chapel. Centenary has its own Chaplain, assigned to minister to the campus. The Chaplain is available to students for counseling at any time. He has charge of the regular Sunday morning worship services in Brown Memorial Chapel, conducts the Thursday religious programs, directs the Methodist Student Movement, and coordinates all other religious activities on campus.

Most of the major religious denominations have active organizations headquartered either on or very near the campus. Students are strongly encouraged to participate in these organizational activities, and facilities of both the Chapel and the R. E. Smith Religious Activities Building are available to them.

The Methodist Student Movement is the organized ministry of the United Methodist Church to the campus. At Centenary MSM sponsors regular weekly meetings, films, lectures, discussion groups, and spring and fall retreats which are dedicated to Christian fellowship and to questions concerning the relationship of religious faith to higher learning in the modern college classroom. Programs of a similar nature are also provided by the Canterbury Club, the Baptist Student Union, and the Newman Club.

Each year, through the Willson Lecture Series, outstanding lecturers in theology, philosophy, and education are brought to the campus for several days. These guest lecturers are brought through the generosity of Dr. and Mrs. J. M. Willson of Floydada, Texas.

Opportunities for worship and theological lectures on an ecumenical and non-sectarian basis are offered to the campus. Regular Sunday morning worship services are held in Brown Memorial Chapel at 11:00 a.m. These services are planned with the particular needs of a college campus in mind, and frequently reflect experimental modes of worship.

On at least two Thursdays of the month, at 10:40 a.m. in Brown Chapel, there are religious services or theological lectures. Representatives of the major religious traditions officiate at various times. These services are designed to speak to the specific needs of the campus in the 1970's.

Although attendance at these assemblies is no longer compulsory, the Faculty feels their value to the students' educational program so strongly that it has passed a regulation which prohibits the scheduling of any other meetings or conferences between 10:30 and 11:40 on Thursday mornings.

PUBLICATIONS

Student talent and student opinion find expression in the *Conglomerate,* the *Yoncopin,* and *Insights.* The *Conglomerate,* a newspaper, is published weekly when classes are in session, and *Yoncopin,* the college

yearbook, is published in late spring. Both are student written and student edited. They are partially financed by student fees, and scholarships are available to their editors. *Insights* is a magazine showcase for both writers and artists. It is published once a year under the sponsorship of Sigma Tau Delta, honorary English fraternity.

MUSICAL ORGANIZATIONS

The famous Centenary College Choir is a familiar sight and sound on radio, television, and theatre stages across the world. The group has made two overseas tours, filled two long engagements in Radio City Music Hall, and sung at many international conventions, in addition to making countless appearances before church, club, social, and civic groups all over the South. For 17 consecutive years the Choir has been appearing on its own sponsored television program. Such programs as the "Rhapsody in View" home concert, the solemn Easter Sunrise Service and the beautiful Christmas Lighting ceremony at Hodges Gardens near Many, Louisiana, are solidly established traditions.

The College Band has long distinguished itself in excellence and popularity with both students and community. The Band plays concerts at regular intervals for the enjoyment of the student body, and it plays for all sports events and all formal academic festivals. In the summer its members form the nucleus of a special band which plays a very popular series of free outdoor concerts each week in the Hargrove Memorial Amphitheater, under the joint sponsorship of the College, the City of Shreveport, and the American Federation of Musicians.

The Symphony Chorale gives student singers the opportunity to perform the great choral masterpieces with the Shreveport Symphony Orchestra, and the School of Music's Opera Workshop presents several productions of chamber opera each year, extending the opportunity to try out to every member of the student body.

THEATRE AND ART

Centenary's magnificent and versatile Marjorie Lyons Playhouse makes it possible for the College to offer a strong major in theatre and speech. The Rivertown Players, a student theatrical organization, utilizes the talents of many students with an interest in theatre as well as those majoring in theatre arts. The aim of the Department of Theatre/Speech and the Rivertown Players is to present drama of imaginative artistic calibre, and to provide a diversified and entertaining dramatic program.

The College often brings the work of outstanding artists, sculptors, and photographers to the campus for showing in the Gallery of the Library. Centenary art majors and Faculty members show their work frequently in campus exhibits, and they participate actively in showings and competition off campus. The Centenary chapter of Kappa Pi, national fraternity for art majors, each Christmas sponsors a special exhibit and sale of student and Faculty art work for the benefit of scholarship projects. Rare books and particularly interesting or valuable manuscripts frequently are secured for display in the Library itself.

HONOR SOCIETIES AND SERVICE ORGANIZATIONS

A number of honorary fraternities and service organizations which recognize scholarship and leadership have chapters on the Centenary campus. These include: Alpha Chi, national scholastic fraternity for junior and senior men and women who have a 3.5 cumulative average and are invited to join; Alpha Epsilon Delta, national honor society for pre-medical students who have a 3.0 average in science courses and a 3.0 average in non-science courses; Alpha Sigma Chi, society of chemistry upperclassmen who have a 2.5 cumulative average and a 3.0 average in chemistry; Alpha Sigma Pi, scholastic fraternity for freshmen and sophomores with a 3.5 average; Phi Sigma Iota, national honor fraternity for Romance Languages; Sigma Gamma Epsilon, honorary fraternity for students with a 3.0 cumulative average in 10 hours of geology and a 2.0 overall average; Sigma Pi Sigma, honorary physics fraternity for students with a 3.0 average and three hours of advanced physics; Kappa Pi, national art fraternity; Phi Beta, national speech and music fraternity; Sigma Tau Delta, national writing fraternity; Lambda Iota Tau, national literary honor society.

Membership in the Maroon Jackets is one of the highest honors that can be bestowed upon a Centenary coed. The Maroon Jackets are chosen from among the junior and senior women who have excelled scholastically (3.0 average required) and have shown outstanding leadership and service to the College. They are the official hostesses of the College, representing Centenary at all functions of major importance. Their counterparts among men students are the members of Omicron Delta Kappa, which recognizes leadership, scholarship, and service in various fields of activity. Members are elected from the outstanding members of the junior and senior classes by the members of the chapter, Faculty and students. Kappa Chi is a service organization which invites members of any denomination who are interested in full-time religious vocations.

Membership in Alpha Phi Omega, a national service fraternity, is open to men students at Centenary who have a cumulative average of 2.0 or better and who are interested in developing leadership, promoting friendship, furthering the freedoms that are our national heritage, and offering other services to humanity. Women students are eligible for membership in Phi Alpha Lambda, a leadership and service organization with similar aims and goals. Both men and women may belong to the Sophomore Service Organization.

There are a number of other clubs and organizations through which the student can become enjoyably involved in campus life and make friends with other students. These include the Math Club, the French Club, the German Club, the Rivertown Players, the Karate Club, the Physics Club, the Psychology Club, the Spanish Club, the Student National Education Association, the Physical Education Majors Club, the Centenary Young Democrats Club, the Centenary Young Republicans Club, the Student Louisiana Teachers Association, and Kappa Lambda (the classics club).

Independent of the College, but closely associated with it and supported by it, is a telephone crisis-intervention service called Open Ear. Students participate in several ways, one of the most interesting of which is as actual telephone counselors for the service. They are carefully trained by professional counselors, and are then used as volunteers at Open Ear. Further information can be obtained from Mr. Charles E. Vetter, instructor of sociology and Executive Director of Open Ear, Inc.

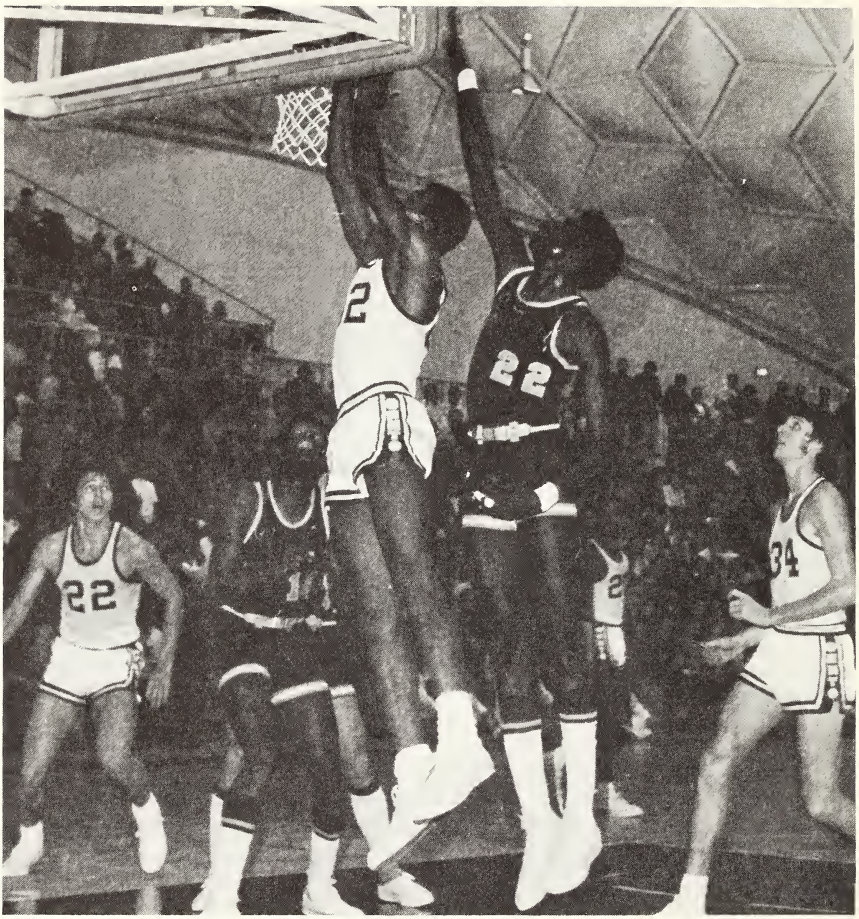
SOCIAL FRATERNITIES AND SORORITIES

The Greek world at Centenary is composed of four national fraternities and three national sororities. The fraternities are Kappa Alpha, Kappa Sigma, Tau Kappa Epsilon, and Theta Chi. The sororities are Alpha Xi Delta, Chi Omega, and Zeta Tau Alpha. The Interfraternity Council and the Panhellenic Council help maintain sound relations between social fraternities and sororities on campus, and they pursue ways to encourage scholarship and intellectual accomplishment. Rush season at Centenary begins with the fall semester.

INTELLECTUAL, CULTURAL, AND SOCIAL ACTIVITIES

Activities of all kinds are constant lures for student attention during the year. The Senate-sponsored Forums series brings to the campus renowned educators, politicians, leaders, and thinkers. Through Lyceum programs students enjoy guest lecturers and entertainers representing all of the arts. During the academic year there are many special concerts, recitals, offerings of the Symphony Chorale, the Opera Workshop, the Marjorie Lyons Playhouse, and art exhibits.

In addition to all the social events regularly scheduled by the Greek organizations, there are many all-college dances, beauty contests, movies, folk music from the Coffee House Circuit, big name entertainment and other activities involving the entire student body at frequent intervals during the year. These include the traditional spring Founders' Day picnic, Faculty Follies, and an all-campus weekend.



ATHLETICS AND INTRAMURALS

Centenary gives considerable importance to a broad general program of physical fitness for the entire student body. A wide range of physical activity courses are available, giving instruction in various individual and team sports. As an adjunct to formal training, both men and women students are strongly encouraged to participate with teams in intercollegiate competition and to take part in the various intramural programs which are available. Men play intramural football, basketball, ping-pong, handball, volleyball, tennis, softball, and participate in cross-country competition. A Women's Recreation Association organizes contests and promotes sportsmanship among women students in similar activities.

In intercollegiate competition, Centenary is a major independent College. Freshman and varsity basketball teams play in the University Division of the NCAA; golf, tennis, and baseball teams play in the College Division. The College does not participate in intercollegiate football and does not sponsor a varsity team in this sport.

STUDENT SERVICES

The academic life and the personal welfare of the student are inseparable. Recognizing this, Centenary has set up a sound program of advisement centered around the academic, the personal, the religious, and the social aspects of the student's life on campus. Each student is assigned a Faculty adviser who is either the chairman of the department of his major area or is a Faculty member teaching in that department. The Dean of the College counsels in academic affairs, while the Dean of Students and the Dean of Women advise on personal, social, and dormitory problems, and those concerning Greek letter organizations. The Director of Student Activities assists in planning all social activities on the campus, publishes the Activities Calendar, and is responsible for the Student Union Building. The Registrar helps students with degree plans and graduation requirements. The Chaplain of the College coordinates religious services and programs, and is always available for personal counseling.

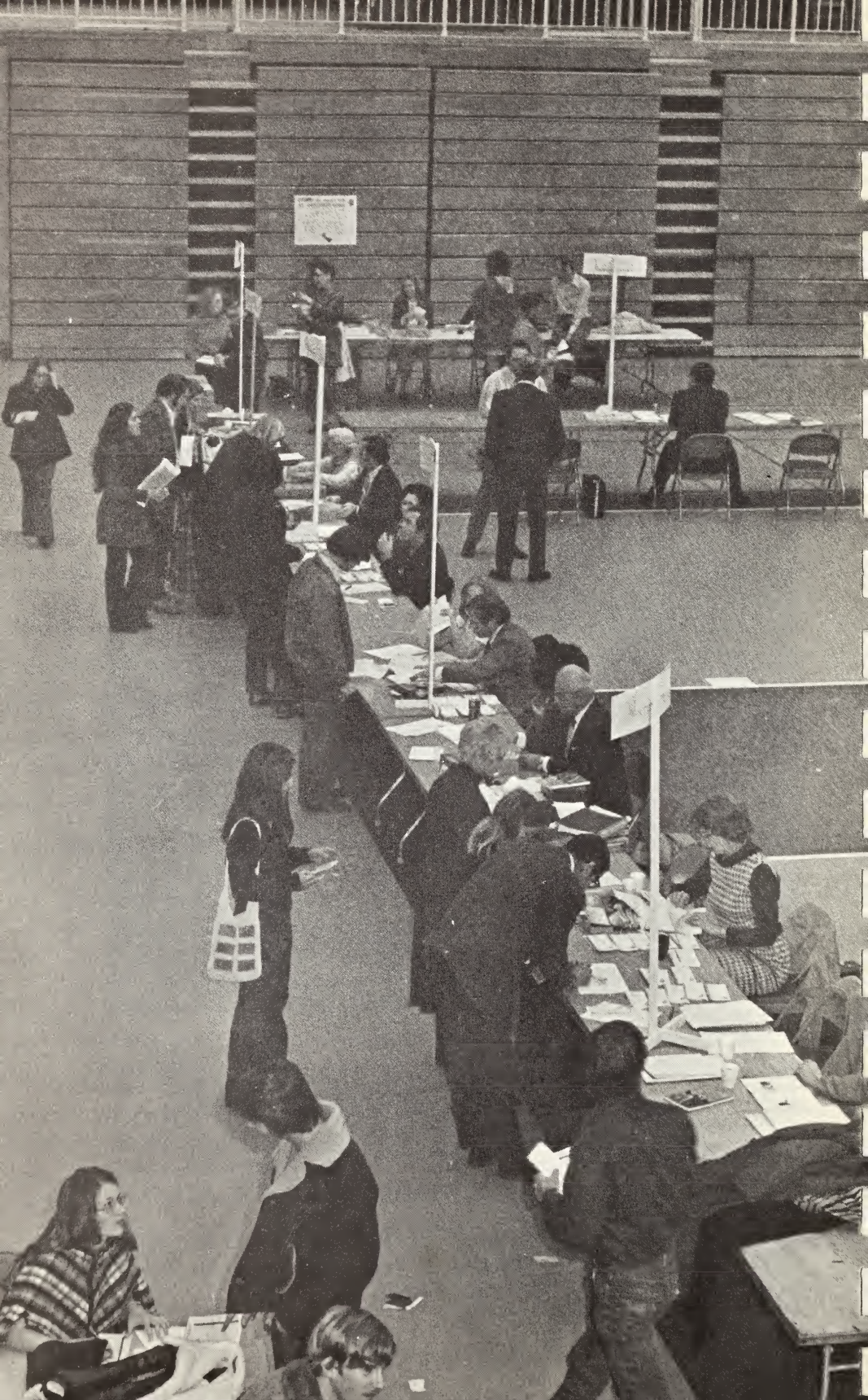
Students who desire assistance in securing part-time employment either on or off campus should see the Director of Financial Aid. Students seeking permanent placement upon graduation may register with the Director of Student Activities. The Department of Education has a separate office for teacher placement.

To meet the health needs of the campus, the College maintains a small dispensary with a full-time registered nurse.

COUNSELING SERVICES

The College has found a need among students for counseling in matters of personal and social concerns, and has established counseling services through the following offices: The Dean of Students, the Dean of Women, the Chaplain, the Director of Student Activities, and the Psychology Department. Students are encouraged to initiate contact with these counselors at any time of need.

In addition to the counseling service, the Department of Psychology offers a testing service for students to help clarify problems and to analyze special needs and vocational interests.



III
ADMISSIONS

Centenary College accepts applications for admission from students in the college preparatory programs of accredited secondary schools, and from students desiring to transfer from other accredited colleges and universities, without regard to race, color, or religious commitment. There is no fixed deadline for applications, though they must be received in complete form before the date of registration for the semester in which admission is sought. It is, however, advisable to apply by December 1, of the senior year in high school. The College selects those students who demonstrate the ability to do successfully the work of the academic program, those who will profit most from the opportunities offered in the academic community, and those who seem to possess the most promise of contributing constructively to student life on the campus.

REQUIREMENTS AND PROCEDURES

Admission to Centenary is based upon consideration of academic achievement, scores on standard entrance examinations of aptitude and achievement, and on personal qualities as demonstrated in recommendations and in interviews. The candidate for freshman admission must be a graduate of an accredited secondary school and present a minimum of 15 college preparatory units, some of which are prescribed and others recommended.

Those required are: three units of English, two of history and other social science and two of college preparatory math (one algebra and one geometry).

Those strongly recommended are: two units of foreign language, one of natural science, and an additional unit of English.

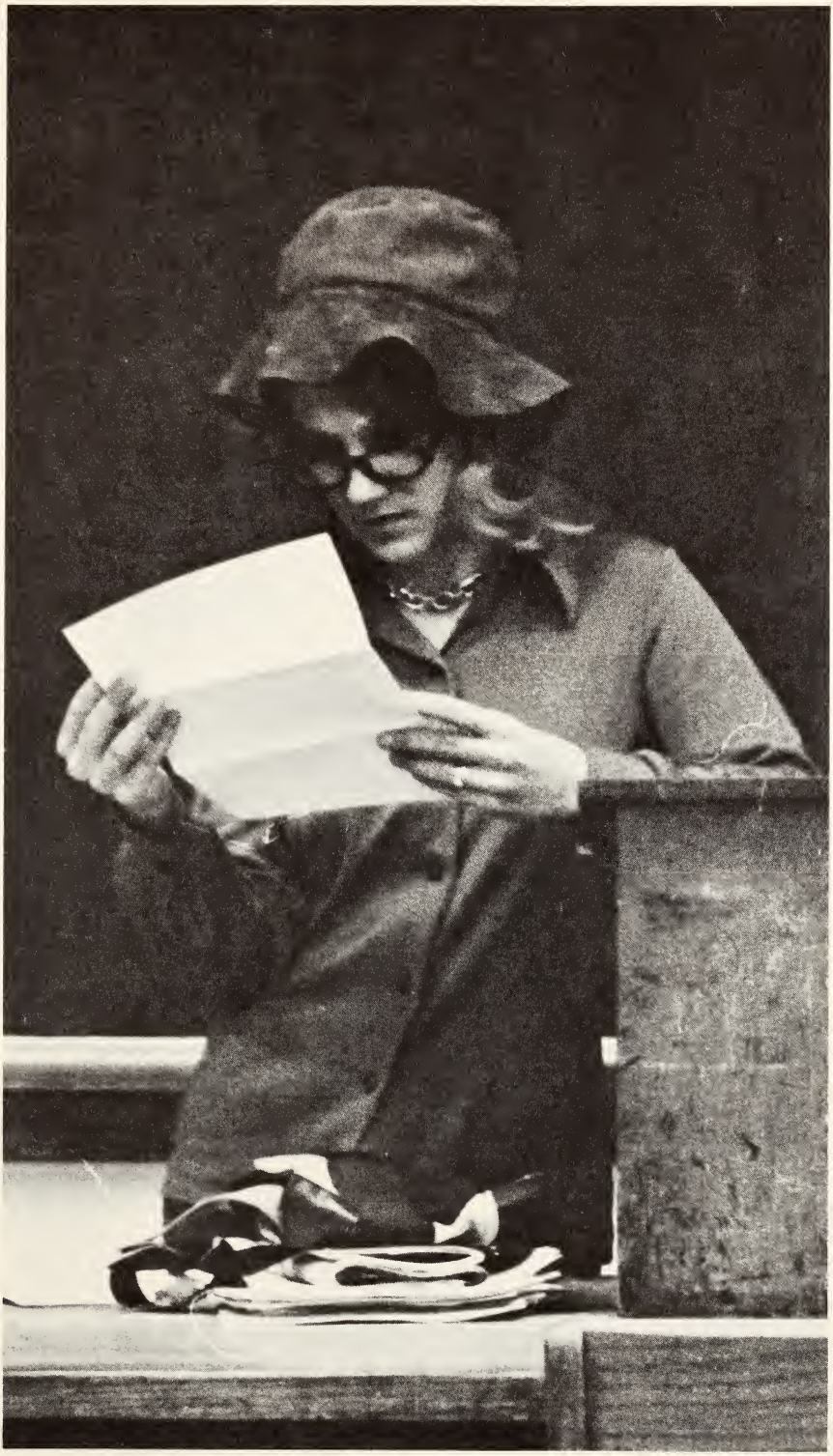
The student must provide evidence of his proficiency in these subjects, in the form of certified transcripts from his secondary school. He must also present acceptable scores on the Scholastic Aptitude Tests of the College Entrance Examination Board or of the American College Testing Program. A personal interview with a member of the staff of the Office of Admissions or its designated representatives is not required, but is advisable if it can be arranged.

As a condition of admission of all students, freshman or transfer, the candidate must subscribe to the Centenary College Honor Code; as a part of the registration process, he must certify that he has read and will abide by its provisions. The Honor Code governs all areas of academic life in the College, including preparation of daily assignments, all written work, and examinations.

Application blanks and other information about the College and its programs may be obtained by writing to the Office of Admissions, Centenary College, Shreveport, Louisiana 71104. When application for admission is complete, it includes the following:

1. The completed application blank, together with the application fee of $10.00, which is not refundable nor applicable to tuition charges. (Centenary subscribes to the fee-waiver program of the College Entrance Examination Board, and will waive the application fee for students certified in this program, for whom the fee would constitute a hardship.)
2. A complete transcript of all high school grades, or in the case of transfers from other colleges, of all academic work done in all other collegiate institutions.
3. Report of scores from either the SAT or ACT.

Applications for admission are reviewed by the Director of Admissions and the Faculty subcommittee on admissions as they are received in complete form, and decisions are announced throughout the year by the Director of Admissions in writing to the applicant. The successful candidate should within thirty days of the date of the offer of admission indicate his intention of accepting it by (1) writing to the Director of Admissions signifying his acceptance; (2) guaranteeing his intention to register by payment of an advance tuition deposit of $50.00; (3) completing and returning a Dean's Personnel Record, on which if the student intends to live in College housing he may make application, which requires an additional $50.00 deposit; (4) completing the applicant's portion of the College Health Form and arranging for the required physical examination. Neither of the above deposits is refundable. The tuition deposit is applied to the first semester's tuition charge, but the



room deposit is not applied to charges; rather it remains in the student's account as a warranty against damage to College property until the student leaves the College, either by withdrawal or graduation.

EARLY ADMISSION

Certain gifted and carefully-selected students who have completed the junior year in high school may be admitted as full-time regular students in the College, bypassing the senior year in high school. Such students do not receive a high school diploma, but are enabled to begin the advanced academic work of college a year earlier than normal. The requirements for early admission are stringent: three units of English, three of mathematics, two of natural science, and two of social science; the personal recommendation of the student's high school principal and guidance counselor, and the approval of his parents, all in writing; junior year SAT or ACT scores showing high degree of aptitude and verbal skills, and a three-year high school record of outstanding achievement; and a personal interview with the Faculty subcommittee on admissions which gives evidence of maturity and responsibility. Students interested in becoming candidates for early admission should write to the Director of Admissions.

ADVANCED PLACEMENT

Centenary College participates in the Advanced Placement Program of the College Entrance Examination Board. Subject to the approval of the departments concerned, students who score three, four, or five on Advanced Placement examinations will be considered for advanced placement and/or advanced standing (i.e., college credit for the work done in secondary school). For further information about the Advanced Placement Program, students should consult their high school counselors, or write to the Dean of the College.

ADMISSION OF TRANSFER STUDENTS

Procedures for application for admission as a transfer student from another collegiate institution are the same as those outlined above, except that official transcripts of all college work undertaken prior to transfer must be submitted. Normally, high school transcripts and test scores are not required of students who have done acceptable college work elsewhere. If the student is enrolled at another institution at the time of application to Centenary, admission if offered must be regarded as tentative until a final transcript has been received. To be acceptable as a transfer, a student must have achieved a cumulative average of at least 2.0 (C) in all work attempted previously. Students are occasionally admitted who do not meet this requirement, on probation and with the following additional requirements: like other probationary students, they may register for no more than four courses or 13 semester hours while on probation; they must meet once a month with their Faculty advisers while on probation; and they will attend a special orientation session with the Dean of the College, the Dean of Students, and the Dean of Women at the beginning of their first semester in the College.

Credit transferred from other institutions is regarded as tentative pending the successful completion of work at Centenary. Credit is transferred only for work in which a grade of "C" or better has been earned, and only for courses which have been approved by the Faculty for offering at Centenary, or reasonable equivalents thereof. Grades from other institutions are not transferred, and cumulative averages are calculated only on work done at Centenary, except for the calculation of graduation honors (which see in this Catalogue).

ADDITIONAL REQUIREMENTS IN MUSIC

Entering students are given auditions and placement tests in music theory and piano (for non-keyboard majors). For unconditional acceptance as a music major, a student should be able to perform an entrance audition in his major applied area, meeting standards, which are set by the School of Music. Placement tests are administered during the freshman orientation period each fall, and before registration for the second semester. Entering freshmen should consult early with the Director of the School of Music concerning qualifications, auditions, and tests.

Credit in applied music for students transferring from other colleges will be determined by an audition before the music Faculty and by progress made during the first semester at Centenary. Transfer students should also expect to take examinations in music theory and music history to determine whether equivalent standards have been met.

IV
COST AND FINANCIAL AID

Centenary College is a non-profit institution. The tuition, fees, and other charges paid by the student cover less than half the actual cost of his educational opportunity. The remainder of these costs is borne by income from endowments and from the generosity of friends of the College and of the United Methodist Church with which the College enjoys an historic affiliation. In this way, the cost to the student is kept at the lowest possible amount consistent with adequate faciliies and excellent instruction. Very few colleges can, in times of generally rising costs, guarantee that educational charges will not also rise during any undergraduate generation; realistic students and their parents will consider that it is more likely that in four undergraduate years, they will experience at least one increase in charges. The Board of Trustees of the College, which sets the level of tuition and fees, must reserve the right to institute such increases as and when they become necessary.

ANNUAL EXPENSES

	1972-73		1973-74
	Continuing Students*	New Students	All Students (Anticipated)
Tuition and General Fees (includes Interim)	$1,400.00	$1,500.00	$1,500.00
Students enrolled in Music curricula have an annual surcharge of $100.00 to cover the cost of private lessons.			
Dormitory Room, double occupancy** (includes Interim)	$ 400.00	400.00	400.00
All rooms are equipped with a telephone. The charge for local service is included in room rate.			
Board (*does not* include Interim)	$ 600.00	600.00	600.00
TOTAL	$2,400.00	$2,500.00	$2,500.00

*A continuing student is defined as one who attended Centenary during the 1971–72 academic year.

**Single room rates for the 1972–73 academic year will be $530.00, subject to the availability of single room space.

The tuition and general fees are applicable to all registrations in the normal full-time range of from four to six courses. Any registration for less or more than these limits is charged at the per course rate of $162.50. This rate also applies to students in the evening classes offered by the College, and in the summer session. One exception to this rule is that junior and senior students who have a cumulative average of at least 3.0 and the permission of the Dean of the College may register for one course in excess of the normal six without additional tuition charge.

INTERIM EXPENSES

Interim tuition for part-time and transient students will be $75.00 per course. Board rate for campus food service will be $60.00. When courses, offered at locations other than on the Shreveport campus, involve additional cost for tuition, room and board, the College will bill the student for such additional amounts when he registers for the course.

Normally, financial aid (grants, scholarships and loans) will be applicable only to those Interim programs offered on the Shreveport campus. Requests for exceptions must be made in writing to the Director of Financial Aid.

SPECIAL FEES

Other special (and generally non-recurring) fees are as follows:

Application fee (non-refundable) ..... $ 10.00
Matriculation fee (paid once at first entry) 25.00

Change in registration (per change)	5.00
Graduation fee	15.00
Identification card replacement	5.00
Late registration	10.00
Parking fee for day students (yearly)	4.00
Part-time tuition per course	162.50
Room deposit and warranty (refundable)	50.00
Student teaching fee	125.00
Teacher certification fee	15.00
Transcript fee (first copy free)	1.00

The tuition surcharge of $50.00 per semester for students in music curricula covers all applied music and instrument rental fees. Non-music majors and part-time students who wish to register for applied music courses will pay an additional fee of $50.00 for a one-half hour lesson per week, and $100.00 for a one hour lesson per week. Such students must also pay the cost of instrument rental: band and orchestra instruments at $15.00 per semester, and piano and organ as follows:

5 hours per week:	$ 5.00 per semester
10 hours per week:	10.00 per semester
15 hours per week:	15.00 per semester

The cost of books, music, and other supplies will vary with the student's curriculum. In most cases the annual expense will be approximately $100.00. An estimate of annual cost to the student should include some allowance for clothing, laundry, travel, and personal spending money.

The general fees (which amount to $55.00 of the charge for tuition and fees per semester) include medical fees, insurance, physical education, student activities fees, library, student newspaper, the College yearbook, iidentification card, athletic events, and all laboratory fees except those special charges levied for excessive breakage and waste.

PAYMENT OF FEES

Matriculation in the College is an implied contract by which the student accepts all regulations of the College, including those governing payment and refunds. Charges are made by the semester and they are payable by the semester. Payment of semester charges, or arranging to pay them, is a part of the registration process. Enrollment has not been completed until the student has paid his fees or has made satisfactory arrangement with the Comptroller. Students who are more than ten days delinquent in payment of any fees may be suspended from the College.

There are several acceptable methods of payment:

1. The entire account may be paid on registration.
2. One-third of the charge may be paid on registration and the balance in two equal installments, one due 30 days after registration and the other 60 days after. There is an installment charge

of $10.00 for this method of payment. (Credits for scholarships and financial aid cannot be considered part of the first payment.) This arrangement must be approved by the Comptroller at registration.

3. For the summer session, the entire amount is payable on registration, or the student may pay half on registration and the balance within 30 days. There is an installment charge of $5.00 for this latter method.

4. Two commercial installment plans are available to Centenary students. Both make available a low cost deferred payment program. For information consult the College Business Office, or write directly to:

EFI - Fund Management
36 S. Wabash, Suite 1000
Chicago, Illinois 60603

or

The Tuition Plan, Inc.
575 Madison Avenue
New York, New York 10022

REFUNDS

There is no refund for courses dropped while the student continues in other courses. If a student withdraws from all courses during the first four weeks after class work begins, there will be a 50% refund of tuition. After that date, there is no refund of tuition. Board for that part of the semester which has not been used will be refunded regardless of the date of official withdrawal; room rent cannot be refunded, however. Official withdrawal is the date the student receives the approval of the Dean of the College for his withdrawal, and all refunds are based on that date, regardless of the date of last attendance. Failure to attend classes does not constitute a withdrawal, and there are academic penalties also for failure to complete the proper procedures; for these see the appropriate passage in the "College Regulations" in this Catalogue. Students who are called or recalled into military service during a semester are granted pro rata refunds of all payments. Students who are separated from the College as the result of disciplinary action forfeit all refund rights.

FINANCIAL AID

Centenary College believes that the academically qualified student should be able to attend the college of his choice regardless of his financial circumstances. The College, therefore, offers a program of scholarships, loans, grants, and part-time employment to serious and qualified students. Over 50% of the student body receives some kind of financial assistance, and the College in recent years has had nearly half a million dollars annually available for this purpose.

To be considered for any form of financial assistance, the student must (1) demonstrate his eligibility for admission by filing all forms and fees, and receiving an offer of admission; (2) filing an application for financial aid, available from the Director of Fnancial Aid's office at the College; (3) filing the Parents' Confidential Statement supplied by the College Scholarship Service, Princeton, New Jersey 08540, or the Family Financial Statement supplied by the American College Testing Program, Iowa City, Iowa. Both these forms are generally available from high school guidance counselors.

Students who demonstrate outstanding promise of contributing valuably to the life of the College by (1) scholarly and intellectual achievement, as indicated by such awards as valedictories, National Merit Scholarship recognition, Academy of Science awards, etc., or (2) exceptional proficiency in extra-curricular activities such as music, athletics, dramatics, etc., may request consideration for grants ranging from nominal amounts to full tuition, depending upon merit and financial need.

Students with substantial financial need who must have assistance to pursue their education at Centenary may request consideration based upon financial need alone. Grants will range up to full tuition, and will frequently be accompanied by loans and work opportunities in an amount adequate to meet the candidate's need.

Special tuition concessions are granted to pre-theological students and to dependents of ministers of all denominations. To be eligible for this tuition remission, the student must be a full-time student who is single and making his home with his parents. He must have and maintain at least a "C" average.

There are several loan funds available to entering students. The largest of these is that established by the National Defense Education Act. Others include the Louisiana Higher Education Assistance Commission Loans, for residents of Louisiana, the United Student Aid Fund Loans, and the United Methodist Student Loan Program, for members of that church. Students and their parents are encouraged to utilize loans as a means of financing a part of the cost of college.

Students rarely are able to earn all of their expenses while attending college, but many students do pay part of their expenses by working in the College Library, laboratories, and offices, as well as in the community at various jobs. Such employment should be carefully limited so as not to interfere with sound academic progress. Students who find that they must work 20 hours a week or more are urged to limit their registration to no more than four courses or 13 semester hours. Information about employment opportunities, both on and off campus, as well as about all other forms of financial assistance, is available from the Office of the Director of Financial Aid.

V
COLLEGE REGULATIONS

Admission to the College and attendance in classes are conditional upon acceptance of and compliance with the rules and regulations of the College as now established or hereafter revised. It is the responsibility of the student both to know the rules of the College and to abide by them.

The most important of these rules—those which constitute the very foundation upon which the educational program of the College rests—are contained in the Honor Code of Centenary College. As a condition of admission to and registration in the College, every student must agree to comply wholly with the provisions of the Code. These provisions, along with other regulations governing College life, are published annually in the student handbook known as *Gentlemanly Speaking.* The Honor Court also periodically publishes a booklet containing explanations and interpretations of the Code and its implications. Campus parking and traffic regulations are published in another booklet available at the College Business Office.

For the smooth and orderly completion of the chosen academic program and the requirements of the degrees offered by the College, it is essential for the student to become entirely familiar with the contents of this Catalogue.

The course offerings, rules, regulations, and fees appearing in this Catalogue are announcements. They are not to be construed as repre-

senting contractual obligations of Centenary College, which reserves the right to change its courses of instruction, fees, charges for room and board, and its general and academic regulations without notice should circumstances warrant in the judgment of the College.

Registration

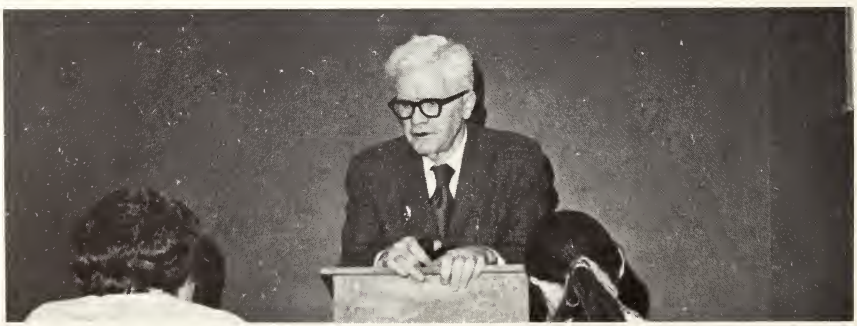
All students are required to register for each session during the formal registration period designated by the College in the official Academic Calendar. A late fee of $10.00 will be charged for the completion of registration after the last designated day for registration. No registration is permitted after the date specified in the Calendar as the "last day for enrolling or changing courses." Registration is complete when the appropriate cards and forms have been filled out properly and fees have been paid.

Change of Registration

After registration is ended, a fee of $5.00 is charged for any change of registration (i.e., for each course dropped or added) not initiated by the College. A change is initiated by the College when the student is instructed to make the change by an instructor, his adviser, or the Dean of the College. Classes may be added only with the approval of the instructor and the Faculty adviser, and require the approval of the Dean of the College; this may be done only until the date designated in the Calendar. Classes may be dropped with the approval of the adviser and the Dean, until the date designated in the Calendar as the "deadline for dropping courses without academic penalty." If a student drops a course after this day, he will receive a grade of "F" for the course. Permission will not be given after this deadline for a change from "credit" to "audit."

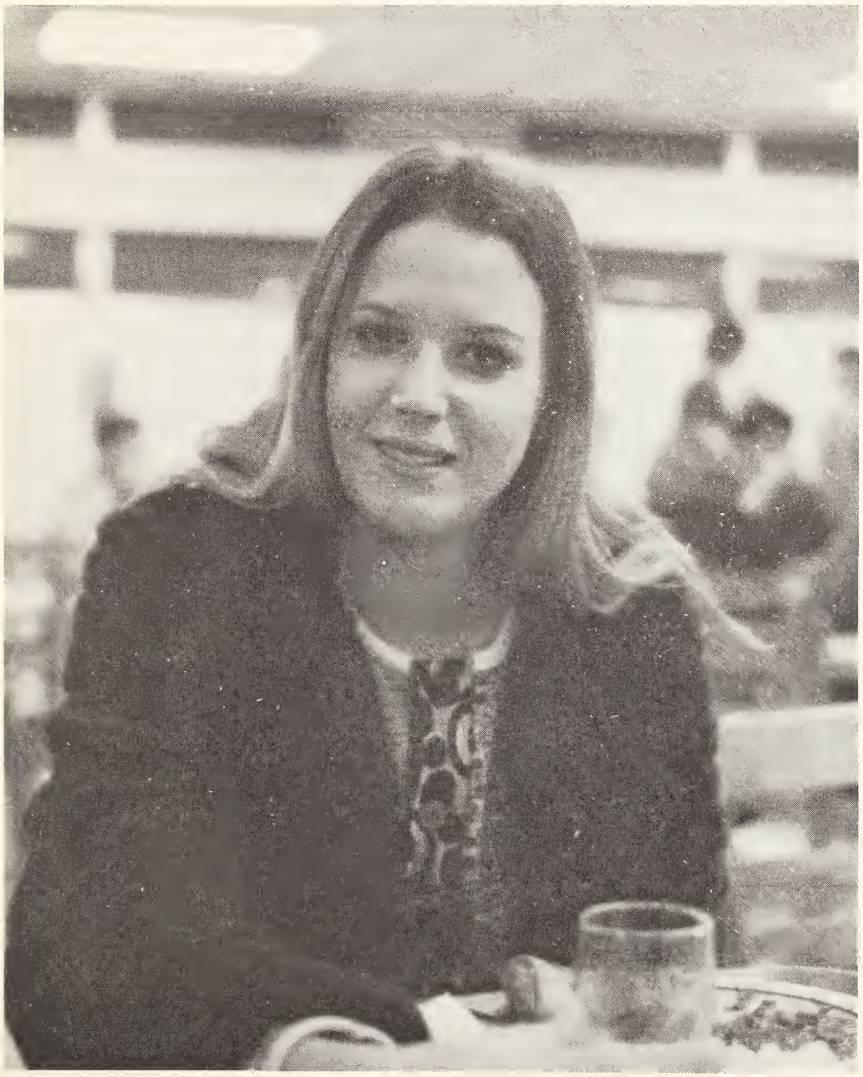
The "last day for enrolling or changing sections" is also the deadline for changing a regular registration to a "Pass-Fail" registration or vice versa.

A student may change from one major or degree program to another at any time with the approval of both advisers concerned, on forms available at the Office of the Registrar. All course changes are also initiated in this Office.



Withdrawal

If it should become necessary for a student to withdraw from the College, he must secure a form for this purpose from and secure the permission of the Dean of the College. Permission will not normally be given except in case of emergency after nine weeks of the semester have elapsed. The student must discharge all financial obligations to the College and be cleared by the College Library in order to receive the Dean's approval. Failure to attend classes does not constitute withdrawal, and if a student leaves the College without completing the withdrawal procedures, he will receive a grade of "F" in all courses in which he was registered, and will forfeit any right to refund of fees.



Auditing Courses

Students classified as full-time by the College, or those specifically authorized by the Dean of the College may, with the consent of the instructor, audit courses free of charge. If a student desires the audited course to be recorded on his transcript of record, he must register officially. Otherwise, he audits by private arrangement with the instructor.

Persons who are not full-time students may also audit most courses in the College course-offering (exceptions are performance and execution courses such as those in theatre, art, and music) for a reduced tuition rate. Registration procedures are simplified for students in this program.

Course Load

Candidates for degrees must register for at least four courses each semester. The normal course load is five or six courses. Students on academic probation may not register for more than four courses. Special permission must be obtained from the Dean of the College for any student to register for more than six courses, and permission will not be given to any student to register for more than seven courses. The maximum load in the summer session is three courses, except with the Dean's permission. Students of junior and senior standing who have an average of at least 3.0 and the permission of the Dean may register for one course in excess of six without additional tuition charge.

Course Sequence

Students who have received "F" in a course will not be permitted to enroll in a more advanced course in the same subject until they have repeated the course with a passing mark. It is possible, though not recommended, for a student who has failed the first half of a year course to enroll in the second half if he has the approval of the instructor and the Dean. Students who have received an "I" grade in a course may, with the permission of the instructor, enroll in a more advanced course in the same subject.

Class Attendance

Students at Centenary College are responsible for mastery of material presented in the class sessions of the courses in which they are registered. Members of the Faculty are not expected to provide students who absent themselves from class without emergency reason with material (including examinations) covered in class. Faculty members are expected to inform the Dean of Students or the Dean of the College when students are absenting themselves from an excessive number of classes. Within this framework of understanding, class attendance is not compulsory.

Chapel Attendance

By recent action of the Faculty, attendance at chapels and assemblies is no longer compulsory, and no credit is given for such attendance.

Nevertheless, the College believes that participation in corporate worship and learning of theological and spiritual truths are integral to the education of the whole person, and strongly encourages regular attendance at the excellent programs presented in the College Chapel. Recognizing the value of the gathering of the Faculty, administration, and student body as a campus community from time to time, the Faculty has established the period from 10:40 to 11:30 on Thursday as a period reserved for such gatherings for academic and religious purposes. No other meetings may be scheduled during this period, by either Faculty or students.

Examinations

All students are required to take the written examinations of from two to three hours' duration at the end of the semester in all courses except those in which the material covered does not lend itself to this type of measurement. An exception to this regulation is the senior candidate for a baccalaureate degree whose work is of "A" or "B" quality. In the spring semester, if the instructor of the course permits, he may be excused from the examination in that course.

Credit

Most courses at Centenary meet either three times a week for 50 minutes each period or twice a week for 75-minute periods. Until the fall semester, 1971, such courses earned three semester hours' credit for each semester successfully completed. Some few courses, such as science laboratories which were separately listed, physical education activity, engineering drawing, and studio art earned only one semester hour's credit for three class meetings per week.

Since September, 1971, most science laboratories have not been separately listed, and all academic courses earn one "course credit" per semester. After that time, all "activity" courses, such as physical education, musical ensemble participation (e.g., choir, band), theatre production and performance, forensics, etc., will earn credit on a cumulative basis: one-half course credit will be earned for any two semesters of activity courses successfully completed. The degree requirements in this and subsequent Catalogues are stated in course-credit terms.

Pass-Fail Courses

Students who have attained sophomore standing may register for courses in such a way that degree credit is earned but letter-grades are not assigned. The usual credit will be given if the course is successfully completed, but the grade will be recorded simply as "Pass," and the grade is not used in calculating cumulative grade averages. If the course is not successfully completed, an "F" grade is assigned and the cumulative average reflects the failure.

No more than eight courses taken under the "Pass-Fail" system may be counted toward graduation requirements, and courses may not be taken"Pass-Fail" in a student's major department.

HAMILTON HALL
HAMILTON HALL

A student may not change a pass-fail registration to a regular enrollment nor vice-versa after the normal deadline for changing registration (usually the second Friday after classes begin).

Grading System

At the end of each semester, letter grades are given in each course. These grades, their general significance, and their equivalent quality points (used in computing averages to determine academic standing) are as follows:

A—work of high distinction; four quality points per course

B—above average work; three quality points per course

C—average work; two quality points per course

D—passing work, but below average; one quality point per course

F—failing work; no credit, no quality points; course credit counts as work attempted in calculating averages

P—the passing grade recorded when a student takes a course under the Pass-Fail system (see above); no quality points; the credit given is not used in calculating averages

I—incomplete work, given only when emergency prevents the student from completing final examination or other concluding work of the course at the scheduled time. This temporary grade must be removed by completion within one semester of the time it is assigned, or it is automatically converted to a permanent "F"

W—withdrawal; no credit, no quality points

At mid-semester during each semester, instructors report to the Dean of the College all grades averaging below "C". These are not official grades, but are used as warnings that improvement is necessary. Faculty advisers are notified of these deficiency reports, and students should consult with their advisers immediately upon receiving them.

Probation and Dismissal

To qualify for graduation, a student must achieve an average of 2.0 in all work taken in his major department, and an average of 2.0 in all work taken in the College, figured on the 4.0 scale defined above ("Grading System"). Since some students will require a period of adjustment to the freedom and responsibility of college study, the Faculty has set a graduated scale of minimum standards for good academic standing for each year of study. This scale is as follows:

First year (1 to 9 courses attempted): 1.6

Second year (10–19): 1.8

Third year (20–29): 2.0

A student will be placed on academic probation for the following reasons:

(1) If his cumulative average falls below the standards of the above scale; or

(2) If at the end of any year his average in all courses taken in his major department falls below 2.0.

Academic probation is intended as a warning to the student that his work has fallen below the standards necessary to allow him to achieve graduation with his class. Probation is for a period of one academic year (except for freshmen and first-year transfer students: see below), although a student who plans to attend summer school at Centenary, and who may thereby be enabled to lift his probation, may petition the Dean of the College for an extension of his probation until the end of the summer session.

Freshmen who have not achieved an average of 1.6 by the end of their first semester will be placed on freshman probation, a warning that their work is below acceptable standards of the College. Similarly, first-semester transfer students will be placed on special probation if their average is below that required for their classification. Freshman students so warned who do not achieve an average of at least 1.3 by the end of their first year will be suspended from the College, and transfer students who have not attained good standing after one semester of probation will also be suspended.

Any student who fails to achieve good standing by the end of his probationary period will be suspended from the College for a minimum of one regular semester. After the expiration of the minimum suspension period, a student may apply to the Office of Admissions for readmission to the College, but readmission is neither automatic nor guaranteed at that time. If the application is approved, the readmitted student will be on probation, for one semester only, during which time substantial progress must be achieved toward good standing. A second suspension will constitute dismissal, and no further application for readmission will be entertained by the College.

A student whose yearly average in any academic year falls below 1.0, whether or not he is on probation, is liable to suspension.

A student on probation who achieves a yearly average of at least 2.2 will not be suspended, whether or not his cumulative average thereby reaches the level required for good standing.

Classification

A "regular student" or "full-time student" is defined as one enrolled in at least twelve semester hours' credit, or four full courses.

Regular students are classified as follows: freshmen are those with less than 9 courses; sophomores, those with from 9 to 19 courses; juniors, those with 20 to 29 courses; seniors, those with 30 or more courses.

Repeating Courses

Students who have earned credit in a course may not repeat that course for credit. However, students who have earned a grade of "D" in a course may repeat the course to improve their mark. Credit is earned only once; the two grades are both used in the calculation of cumulative averages.

Faculty Advisers

Each student at Centenary College is assigned a Faculty adviser whose duty it is to counsel with the student regarding his degree program, his vocational or professional interests, his course schedule for each session, and his progress toward graduation. Each Faculty adviser is available for frequent consultation, and will call his advisees to see him in case of deficient grade reports and for semester course program planning. Normally, however, it is the student's responsibility to seek advice when he needs it, and he should have no hesitancy in doing so at other than the required times of consultation.

A student normally stays with the Faculty adviser assigned to him as a freshman until he declares a major and his files are transferred to an adviser in his major department. However, a student may request the Office of the Registrar to change his adviser assignment at any time, and if another adviser can accommodate him, the change will be made.

The Faculty adviser must approve, by signature, each student's course program for each semester, and all changes of registration made after the formal registration period.

Major Fields

A student who is a candidate for a degree must declare a field of specialization (major) by the beginning of his junior year. Many students are accepted as majors by the several departments before they have reached that level. A major consists of courses within one department totaling from eight to 12, or in some cases up to 15, courses, plus courses in one or more related subjects which may total up to eight courses under the new curricular requirements.

Students transferring from other institutions may not transfer more than one half of the upper division courses required in the field of their major.

The College offers majors in art, biology, business, chemistry, economics, elementary education, engineering science, English, foreign languages (any combination of two of the following: French, German,

Latin, and Spanish), French, geology, government, history, mathematics, music, philosophy, physical education, physics, psychology, religion, sociology, Spanish, speech, and theatre.

Major and Degree Plan

As early as possible after deciding upon a choice of major field, the student should in consultation with his Faculty adviser plan the remainder of his degree program, so that he may proceed in an orderly way to meet the requirements of his major and of the degree for which he is a candidate. The student is required to file his degree plan, approved by his adviser and endorsed by the Registrar, in the Office of the Registrar, no later than the end of the semester preceding the one in which he expects to graduate.

Degree Requirements

To qualify for the baccalaureate degree at Centenary a student must:

1. Earn no less than 40 course credits, no more than two of which may be earned in January Interim studies, but two of which *must* be, and no more than two of which may be earned in cumulative-credit activity courses. The work of the senior year, totaling not less than 10 courses, must be taken in residence.
2. Meet the basic requirements for the degree to be earned.
3. Meet all the requirements for a major field of study.
4. Maintain a quality point average of 2.0 or higher in all courses taken in the department of his major, and of 2.0 or higher in all work taken in the College.
5. Have filed a degree plan in the Office of the Registrar before the end of the first semester of his senior year.
6. Discharge all financial obligations to the College.
7. Meet the requirements of a Catalogue published in one year of his attendance and within five years of his proposed graduation.
8. Be present at the Commencement exercises to receive the degree conferred.

In addition, all candidates for bachelor of arts and bachelor of science degrees must satisfy the following curricular requirements:

1. English 101, Expository Writing. Entering students who have attained certain prescribed scores on the SAT or ACT entrance examinations are invited to sit for an examination by which they may be exempted from this requirement. Information about exemption may be obtained from the chairman of the Department of English. All entering freshmen, and all transfer students who do not offer transferable credit in English 101, are required to register immediately for English 101 unless they have been exempted from it. Any student who fails this course must register for it in each subsequent session until he has satisfactorily completed it. Students whose native language is other than English should consult the chairman of the English department.

2. At least three courses from each of the following divisions of the curriculum, and at least one from each of the subdivisions:

I	II	III	IV
Sciences Mathematics	A. Art Music Theatre B. English and Foreign Literatures	A. Religion Philosophy B. History	A. Government Economics B. Sociology Psychology

Note: The requirement in Division II.B. may be satisfied by any course in English literature, and by any course in the Foreign Languages Department numbered 300 or above.

3. General Education 402, Great Issues.

4. Of the 40 courses offered in satisfaction of the graduation requirements, at least 10 must be numbered 300 or above.

NOTE: Not all courses may be used to fulfill the distributive requirements of section 2 above. The following have thus far been approved by the Curriculum Committee for satisfaction of the requirement:

ART: 101, 102, 103-104, 105-106, 107, 305.
BIOLOGY: All courses.
CHEMISTRY: All courses.
ECONOMICS: All courses except 301-302; note that only economics courses, not business courses, may be offered.
ENGLISH: All courses except 101, 205, 307, and 342.
FOREIGN LANGUAGES: All courses numbered 300 and above.
GENERAL EDUCATION: 197, 198, for Division II.A.
GEOLOGY: 101-102, 111-112, 151, 201, 202, 252.
GOVERNMENT: All courses except 303, 309-310, 421, and 441.
HISTORY: All courses except 441.
MATHEMATICS: All courses numbered 101 and higher.
MUSIC: 111-112, 141-142, 143-144, 170. (If 170 is offered, it must be a full course-credit.)
PHILOSOPHY: All courses.
PHYSICS: All courses.
PSYCHOLOGY: All courses except 203, 221, and 328.
RELIGION: All courses except 203, 301, 302, 317, 318, 310, and 412.
SOCIOLOGY: All courses except 302 and 414.
THEATRE/SPEECH: Only 112, 203, 204, 307-308, and 412.

Double Majors

A student who satisfies all requirements of more than one major may have both majors entered upon his permanent record. A student must select which degree (if two different degree programs are involved) will be designated on his diploma. If only one degree program is involved,

he may choose to have both majors listed upon his diploma, but no student may qualify for more than one degree or more than one diploma at any Commencement.

Second Degrees

To qualify for a second baccalaureate degree, a student must present at least ten additional courses, and must meet all distributive requirements and all requirements for a new major. At least eight of the ten courses must be taken in residence. The candidate must meet the requirements of the Catalogue of the year he enrolled for the second degree and must complete them within five years. No student is eligible for more than two undergraduate degrees at Centenary.

Interim Studies

Nearly every department of the College will from time to time offer a course or courses during the January Interim, which are listed in this Catalogue as I-99, but whose topics vary from year to year. Announcement of the courses to be offered will be made during the spring semester preceding the Interim, and registration for I-99 courses will be held before the close of the fall semester. Members of the Class of 1975 and subsequent classes must offer two Interim courses for graduation. As set forth above, no more than two I-99 courses may be counted toward satisfaction of the minimum 40-course requirement for the degree; but students who exceed the minimum may of course register for additional Interim Studies. The purpose of the program is the enrichment of the liberal arts curriculum by concentrated study for a short period of topics of general or specialized interest not normally offered in courses. Many of the courses will involve study off the campus, either at other institutions or in the field.

Honors Programs

Many academic departments at Centenary offer Honors Programs to interested students of outstanding ability. These programs have been designed by the different departments and approved by the Educational Policy Committee. They may include opportunities for independent study plus papers, research reports, and/or showings or public performances in the case of Honors work in the arts. To be eligible for

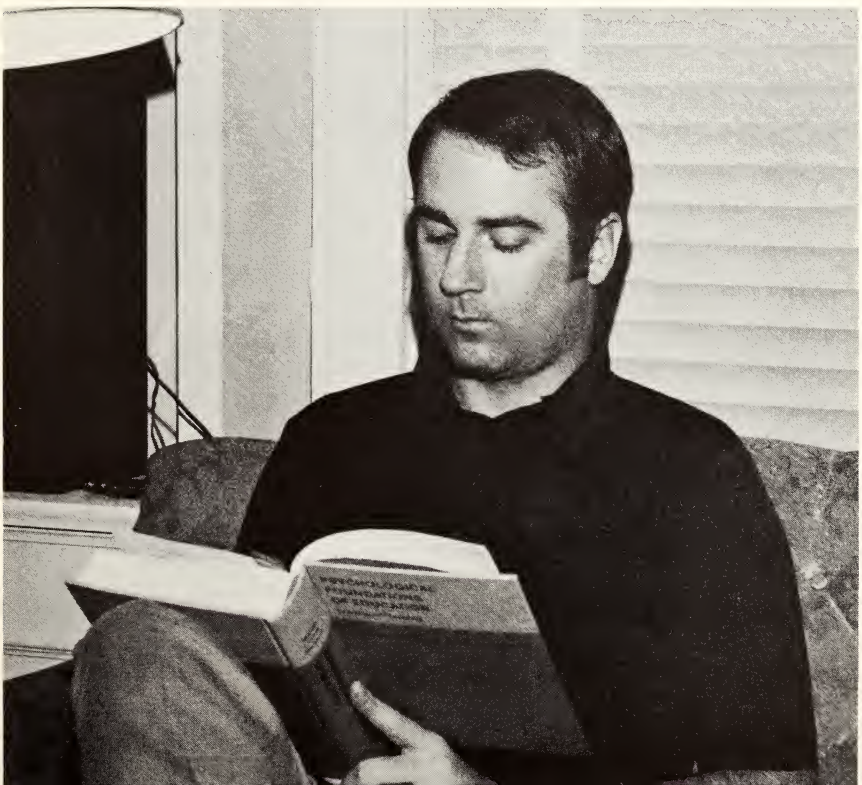
admission to candidacy for Honors, a student must have attained a quality point average of at least 3.0 in both major and non-major subjects; he must have attained junior standing and at the time of admission to the program normally have earned more than half of his credits in work done in residence at Centenary; he must have his candidacy for Honors approved by his major department. To qualify for Honors a student must spend a minimum of two semesters in the program and maintain an average of at least 3.0 in both major and non-major subjects.

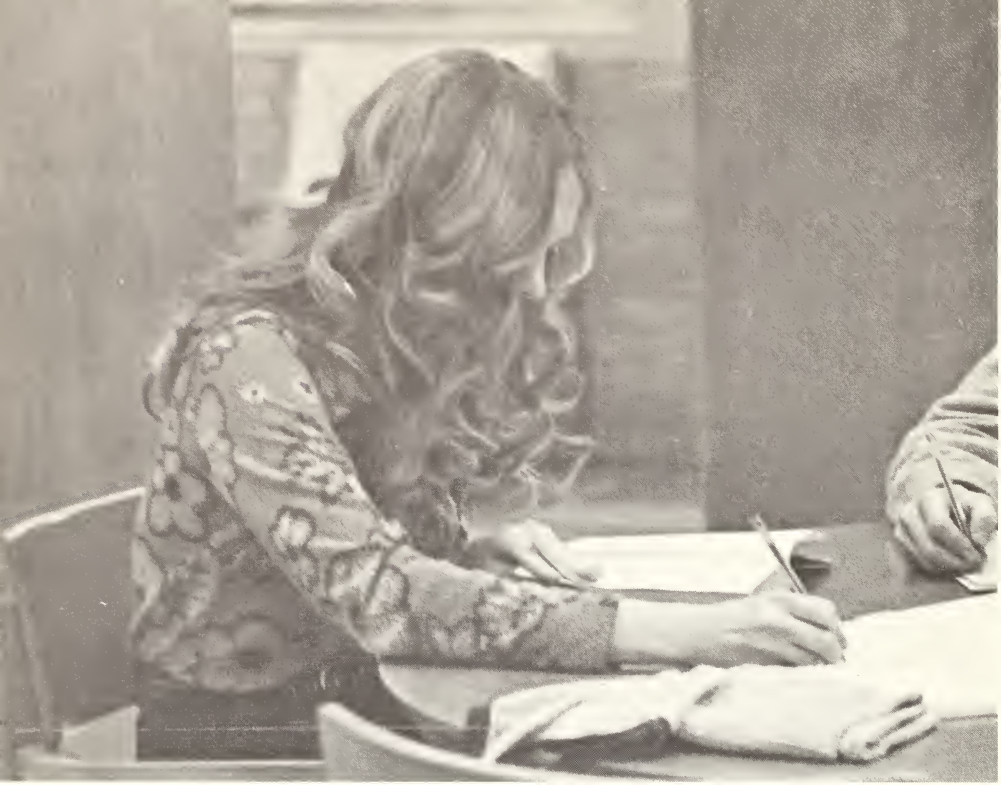
Attainment of departmental honors through successful completion of this program does not supplant traditional graduation honors (see below). Thus a student may graduate "Bachelor of Science, magna cum laude, with Honors in Mathematics," or "Bachelor of Arts, with Honors in English," or "Bachelor of Science, summa cum laude."

Interested students should consult the chairman of their major department for full information.

Special Program for Independent Study

A student who completes his first year of full-time study with a quality point average of at least 3.0 may apply for permission to design the remainder of his degree program within the guidelines of the Special Program for Independent Study. Application for admission to this program is made to the College Educational Policy Committee. Admission to the program requires that during his freshman year the student must have demonstrated evidence of sufficient self-discipline to perform in





a program of this type and have displayed an interest beyond that of the ordinary student by, for example, completing work beyond the regular class assignments and requesting supplemental reading in particular areas of the course. If the Committee approves the student's application, it will appoint a supervisory committee consisting of the Dean of the College, one member from each of the three academic divisions and a member from the department of the student's major interest. The student will work with this committee for the remaining three years of study. He will not be subject to any further distributive requirements, nor the requirements of any regularly constituted major, except as his supervisory committee may direct.

Full information about the program may be obtained from the College Educational Policy Committee or the Dean of the College.

Graduation Honors

The baccalaureate degree is awarded with special distinction to graduating seniors with cumulative averages of 3.5 or better. Candidates with averages between 3.5 and 3.69 are graduated *cum laude,* those with averages between 3.7 and 3.89 *magna cum laude,* and those with averages 3.9 and above, *summa cum laude.* This is calculated on work done at Centenary College. If a student has transferred from another institution, and on the basis of work done at Centenary would be eligible for graduation honors, the Registrar will compute the overall average of work done at Centenary and elsewhere to determine eligibility for graduation honors.

English Proficiency

In the evaluation of all academic exercises the quality of English used by the student will be considered. Every student in every course is expected to use English that is grammatically correct and logically sound. Failure to meet recognized standards of English composition may result in a lower grade in any course.

Academic Petitions

All academic regulations are formulated by the Faculty to serve the best educational interest of the greatest number of students. Centenary College takes pride in its ability to serve the individual needs of its students, and its Faculty has therefore established a Committee on Academic Petitions to hear the requests of students for exception to, or waiver of, academic regulations that seem inimical to their academic interest. Petitions should be addressed to the chairman of the committee or the Dean of the College.

Petitioned Courses

Students who wish to study topics for credit that are not normally offered in the curriculum of the College may petition the Educational Policy Committee for such courses to be offered. A minimum of ten students is required to sign such a petition, and it must be endorsed by the Faculty member who will conduct the course. The petition must be filed in the office of the Dean of the College no later than the end of the eighth week of the semester preceding the offering of the course, which must then be approved by the Committee. Further information about this program may be obtained from the Dean.

Correspondence Credit

Centenary College does not offer correspondence courses, but a limited amount of elective credit may be earned by correspondence study with accredited colleges and universities. Centenary will accept only those courses which the college or university offering the correspondence study will accept toward its own baccalaureate degree. Neither courses in the student's major field nor courses offered in satisfaction of distributive requirements may be taken by correspondence.

Taking of courses by correspondence for Centenary credit is permitted only by special arrangement with the Dean of the College, and students taking such courses may have to pass a special examination at the Dean's discretion or that of the chairman of the department in which the student is majoring.

Summer Sessions

Students who plan to attend summer school elsewhere and to transfer the credit to Centenary need not have formal permission to do so, but are advised to consult their Faculty advisers and/or department chairmen with regard to the courses proposed. Students are specifically

warned that Centenary is reluctant to grant transfer credit for courses taken at junior colleges which are numbered as upper-division courses at Centenary.

Washington Semester Program

Certain selected students are permitted to spend one semester of their junior year at the School of Government and Public Administration of The American University in Washington, D. C. The purposes of the program are to provide an opportunity for students to observe their government in action, to perform individual research under careful supervision, and to exchange ideas with students from many other institutions. Each participating student works on an individual project, selecting three courses to complement his program. Projects and courses are chosen in consultation with the faculty adviser, and full credit for the semester is granted by Centenary. Students interested in this program should consult the Department of History and Government.

Monterrey Summer Session

Students of Centenary are eligible to apply for admission to the summer session at the Instituto Tecnologico in Monterrey, Mexico. Six semester hours (two courses) of college credit may be earned in any level of Spanish, history, economics, sociology, and other subjects. The Instituto is accredited by the Southern Association of Colleges and Schools. Application forms may be obtained from the Department of History and Government.

VI
COURSES OF INSTRUCTION

Centenary College offers three degree programs, one leading to the Bachelor of Arts, one to the Bachelor of Science, and a third to the Bachelor of Music. B.A. degree programs offered include majors in art, chemistry, economics, English, foreign languages (any major-minor combination of French, German, Latin, and Spanish), French, government, history, mathematics, music, philosophy, psychology, religion, sociology, Spanish, speech, and theatre. B.S. degrees include those in biology, business, chemistry, elementary education, engineering science, geology, mathematics, physical education, and physics. B.M. degrees include majors in applied music, music education, and composition.

In cooperation with Columbia University, Stanford University, Louisiana Tech University, Texas A & M University, and the University of Arkansas, Centenary offers the "three-two" program in liberal arts and engineering science (known also in the Columbia relationship as the "Combined Plan"). Under this program, students pursue concentrated studies in the liberal arts and sciences at Centenary for three years, followed by two years' professional work at the chosen institution. At the end of the five years of study, the B.A. degree from

Centenary and the B.S. degree in engineering at the cooperating institution are simultaneously awarded.

The College also offers "three-one" programs for students interested in the study of medicine or medical technology. Under these plans, the student may complete all major and general education requirements in three years of study at Centenary, and upon successful completion of one year of medical studies or medical technology, the B. S. degree is awarded by the College.

Students interested in the "three-two" program should consult the chairman of the Department of Physics. Those interested in the "three-one" program should consult the chairman of the Biology Department. Pre-law students should confer with the chairman of the Department of History and Government; and those considering the pre-theology program in preparation for the ministry or other church vocations should see the chairman of the Department of Religion.

EXPLANATION OF COURSE LISTINGS

On the following pages is a complete listing of the courses offered at Centenary College. In addition, a schedule of classes is published during the semester before each registration period which lists all sections of all courses to be offered during the succeeding session, together with the hour, day, and place of meeting, and generally the instructor in charge of each section.

Courses are numbered according to the class-year in which each is generally most profitably taken: 100–199 for freshmen, 200–299 for sophomores, 300–399 for juniors, and 400–499 for seniors. This is not an absolute restriction, but students wishing to take courses numbered higher than their current classifications should see the chairman of the department concerned. Courses with numbers beginning with zero carry no college credit.

Unless otherwise specified in the course description, courses normally offered in the fall semester bear odd numbers, while those offered in the spring semester carry even numbers. Courses with a single number are one-semester courses; those with double numbers are year courses.

Courses organized so that the student may enroll in and receive credit for either half, or in either order, have double numbers separated by a comma: 205, 206. Year courses in which the first half is prerequisite to the second have double numbers separated by a hyphen: 205–206. Two-semester courses so closely integrated that both halves must be successfully completed before credit may be received in either have double numbers separated by hyphens and enclosed in parentheses: (205–206).

Until the Fall of 1971, credit was awarded for successful completion of course work in terms of the "semester-hour"; now the "course" is the only unit of credit. Under the new system, no separate credit

is awarded for laboratory work in the sciences or foreign languages: such work is regarded as integral to the course. To earn a course-credit, the student normally spends three 50-minute periods in the classroom, or two or three such periods and three or more hours in the laboratory. The Faculty has designated certain activity-type courses, in music, theatre, physical education, etc., as "cumulative-credit" courses: the student must take two such courses (in any combination and any sequence) to earn one half-course credit. No more than two courses earned by such cumulation may be credited toward the basic degree requirement, although the student may earn more cumulative credit if he wishes.

In the following listing of the courses of instruction, each course number represents one course-credit unless otherwise specified to the right of the course title. In the offerings of the natural science departments, the number of weekly hours of class work and laboratory is shown in parentheses at the end of the description: (3–3) indicates that the course requires three hours of lecture-discussion and three hours of laboratory work each week of the semester.

COURSE OFFERINGS BY DEPARTMENTS

ART

Professor Cooper, *Chairman*
Lecturers: Friedenberg, Waits

Major Requirements

The Art Department is an integral part of the liberal arts program, and is not intended to take the place of a professional art school, but rather to furnish a broad background of basic knowledge in order to increase the possibility of full expression. The goal of the department is to give the student sound training in drawing, painting, art history, and technique, and to encourage creative thinking and productivity.

A major in art must take twelve courses in the department, including the following studio courses which should be taken consecutively: 103–104, 203–204, 303–304, and 401–402. The remaining departmental courses are taken in art history (101–102), the graphic arts (301), and materials and techniques (307). In addition, Philosophy 205 (Esthetics) and a foreign language through the intermediate level (202) are required.

01. Ceramic Jewelry **No Credit**
Pouring, glazing, and firing ceramic jewelry and some instruction in the use of a press mold. Offered in the evening division.

101. Survey History of Art
An historical survey of painting, architecture, and sculpture from prehistoric times to the Italian Renaissance.

102. Survey History of Art
A history from the Italian Renaissance to the contemporary schools in Europe and the United States.

103-104. Drawing and Composition for Beginners
Basic training stressing draftsmanship and the elements of picturemaking. Drawing done in black and white, and in color. Outside compositions done for a weekly criticism class. This course, or its equivalent, is prerequisite to all advanced drawing and painting courses. Six studio hours a week.

105-106. Introduction to Art
A beginner's course for students whose field of concentration lies in other departments and who have had no previous training in art. Not open to art majors or those who have had 103–104. Six studio hours a week.

107. Art Appreciation
Arts of the past and present studied in relation to their social and cultural backgrounds. No credit toward an art major.

203-204. Advanced Drawing and Composition
The essentials are still stressed with more experiments with different media and methods of expression. Outside compositions done for a weekly criticism class. Six studio hours a week.

205-206. Advanced Painting in Water Colors
Six studio hours a week.

207. Art for the Elementary Teacher
A development of basic skills in handicrafts, basic concepts, and techniques in art. Especially helpful for the elementary school teacher, but not limited to teachers. Open to anyone, with instructor's approval.

208. Interior Design and Decoration
An historical survey of interior design from ancient Egypt to the present day, with special emphasis on the styles and trends of each of the well-known periods. The course is primarily academic, but some laboratory work is required.

209. Commercial Art
Offered in the evening division.

301-302. Graphic Arts
Prerequisites: Art 204 or instructor's approval. A study of the processes involved in the making and printing of etchings, woodcuts, linoleum block prints, and lithographs, with lecture and studio practice. Three hours a week with outside work.

303-304. Painting
Proficiency in the use of oil paints is regarded as basic, but the student is encouraged to experiment with other media. Outside compositions will be brought in each week. Six studio hours a week.

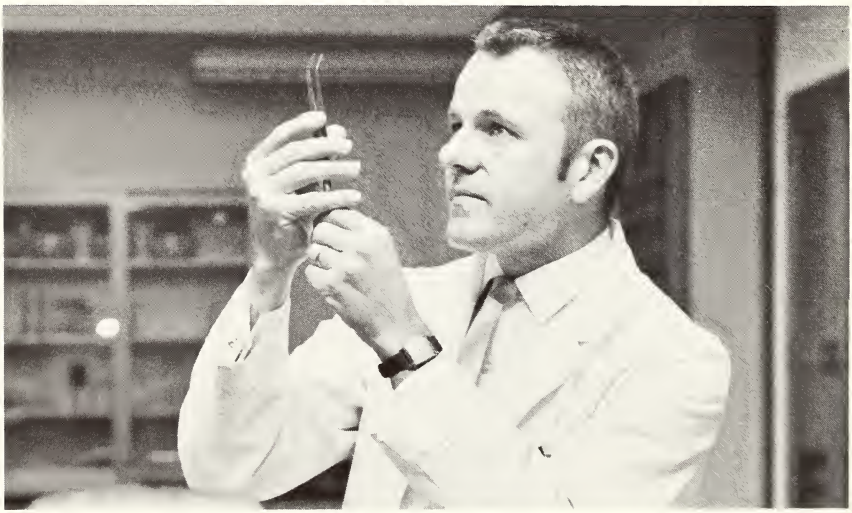
305. History of American Art
The cultural and artistic development of our nation over the last 400 years as expressed in painting, sculpture, architecture, graphic arts, the decorative arts, and city planning.

307. Materials and Techniques
Prerequisites: 204 or instructor's approval. A systematic study of the less common methods of painting, including encaustic, polymer, egg-tempera, casein, and plastics, and an examination of the techniques of some of the old masters. Lecture, studio, and outside work.

401-402. Advanced Painting
During the final year the student is encouraged to develop a personal philosophy of painting. Instruction will depend largely upon the needs and natural inclinations of the individual student. Each student will have a Senior Exhibit of his best work. Outside compositions will be brought in each week. Six studio hours a week.

403. Art Seminar
Prerequisite: Instructor's approval. A review of the history of art, and the facts and principles which are emphasized in all the courses required for a major in art. Second semester.

421-422. Independent Study in Art
Open to qualified art majors. Work may be done in research and reading, or in painting. The student will follow a work plan arrived at in cooperation with the chairman of the department, and must consistently furnish evidence of seriousness of purpose.



BIOLOGY

Professor Deufel, *Chairman*
Professor: Wilkins
Assistant Professor: McPherson

Major Requirements

The courses in this department are designed to emphasize the general cultural values of the biological sciences and their applied aspects in relation to man. This program provides a broad background for graduate study in biology or for the numerous professions related to this field. A major must take nine courses in biology, of which four must be in courses numbered 300 or above. Biology 101–102 is prerequisite

to all other courses in the department. Additional requirements are Mathematics 106 and 201, Chemistry 201–202, and Physics 103, 104, 204 (laboratory only).

101-102. Principles of Biology
A study of the general principles and phenomena common to both plants and animals. The following topics are considered: the cell concept; physical and chemical bases of metabolism; morphology and developmental history of representative plants and animals; patterns of behavior; evolutionary processes and genetic mechanisms; and ecological associations. (3–3)

201. General Botany
A phylogenetic study of plants from the simpler to the more complex, specialized forms. Comparison of plants through the ages, living and fossil relationships, emphasizing development and reproduction of the plant body. (3–3)

202. Plant Taxonomy
A course in the identification and classification of plants native to this area or found in local cultivation. (3–3)

203. Comparative Anatomy
A comparative study of the vertebrate systems and their phylogenetic development. Dissections are made of the shark, mudpuppy, and cat. (2–6)

204. Embryology
Gametogenesis, fertilization, and early embryonic development of chordates; vertebrate ontogeny as seen in the chick and pig. (3–3)

210. Introduction to Entomology
A survey of class Insecta with emphasis on the identification and control of insects which affect the health of man, and of those insects which are of economic importance to the South. 1971–72 and alternate years. (3–3)

217. Human Biology
A study of the nature and function of man. Emphasis is placed on homeostatic regulation in the human body. A basic course designed for students interested in physical education, medical technology, physical therapy, and nursing. (3–3)

302. Microtechnique
Methods of preparing tissues for microscopic study. 1973–74 and alternate years. (2–6)

304. Invertebrate Zoology
The taxonomy, mophology, physiology, and life histories of the invertebrate animals. 1972–73 and alternate years. (3–3)

305. Ecology
Prerequisite: Chemistry 101–102. A study of the interrelations of living things with reference to their non-living environment. (3–3)

306. Microbiology
Prerequisite: Chemistry 101–102. A general survey of microorganisms and their role in nature. The laboratory studies bacterial form and function, as well as practical aspects of food preservation, water purification, and industrial processes. Patterns of diseases in terms of bacteria, fungi, and viruses are considered. 1973–74 and alternate years. (3–3)

311. Physiological Psychology
Same as Psychology 311.

313. Genetics
The fundamental concepts of heredity with consideration given to both modern and classical genetics. Microorganisms, as well as Drosophila, are used in the laboratory

to acquaint the student with the procedures and techniques used by the geneticist. (3–3)

395. Biochemistry
Same as Chemistry 395, for which Biology credit may be earned in those semesters when the "selected topic" is biochemistry.

402. General Physiology
Prerequisite: Biology 203, Chemistry 202. Fundamental principles of cellular and organismal physiology. Primary emphasis is given to the interactions among the respiratory, cardiovascular, nervous, and endocrine systems in man. 1972–73 and alternate years. (3–3)

406. Histology
Prerequisite: Biology 203 or 217. Microscopic study of the tissues and organs of the human body. 1972–73 and alternate years. (3–3)

409, 410. Independent Study
Prerequisite: Five courses (20 semester hours) of biology and consent of staff. Special problems in biology designed to introduce the student to research techniques. A written report is required.

CHEMISTRY

Professor Hanson, *Chairman*
Associate Professor: S. A. Taylor
Assistant Professors: Hood, C. B. Lowrey, Seidler

The Chemistry Department offers a program of sufficient flexibility to serve three types of students: (1) those who wish to prepare for a career in chemistry and serve in industry or in education; (2) those who expect to use chemistry in other occupations or professions; and (3) those who desire a chemistry course for a broader background in science and an introduction to the scientific method of thought. The Chemistry Department is one of a limited number of departments which are approved by the American Chemical Society for the training of chemists.

Students who are interested in chemistry as a career and who intend to pursue advanced studies should elect the program leading to the Bachelor of Science degree and, in addition, take those courses which meet the standards recommended by the American Chemical Society for the professional training of chemists. Those who do not plan to pursue advanced studies but who are interested in a field where a sound knowledge of chemistry is important should elect the program

leading to the Bachelor of Science degree. Students who plan to go into medicine or teaching may desire a less intensive program in chemistry and a greater freedom in electives and, therefore, should elect the program leading to the Bachelor of Arts degree. High school students should note that their likelihood of success in any of these programs is greatly enhanced if their high school studies include chemistry, physics, and four years of mathematics.

Major Requirements

Bachelor of Science (American Chemical Society Accredited):

Chemistry courses: 101, 102, 201, 204, 215, 351, 352, 421, 422, 426.

Supportive courses: Physics 103, 104, 204 lab, 211; Mathematics 106, 201, 202; one additional course from Physics 212 or higher or from mathematics 305 or higher; a reading knowledge of German.

Bachelor of Science:

Chemistry courses: 101, 102, 201, 204, 215, 351, 352, and two additional courses numbered 300 or above.

Supportive courses: Physics 103, 104, 204 lab, 211; Mathematics 106, 201, 202. A reading knowledge of German is recommended but not required.

Bachelor of Arts:

Chemistry courses: 101, 102, 201, 202, 215, 351, 352.

Supportive courses: Physics 103, 104, 204 lab, 211. Mathematics 106, 201, 202; Foreign Language 101, 102.

101-102. General Chemistry

First semester: a study of the principles of stoichiometry, chemical thermodynamics, the physical behavior of gases, and an introduction to structure and bonding. Laboratory work includes a study of the techniques employed in chemical investigations with applications of the fundamental principles studied in the lecture. (3–3)

Second semester: a study of the quantitative aspects of chemical equilibrium. Laboratory work includes selected gravimetric and volumetric analyses, and a study of selected inorganic qualitative analysis methods. (3–3)

105. Introduction to Chemistry

A study of the unity of the living and non-living aspects of the physical world which provides the background for understanding the problems and implications of our scientific and technological age. Fundamental concepts and principles of chemistry are introduced where necessary for an understanding of the topics discussed. (3–3)

201-202. Organic Chemistry
Prerequisite: Chemistry 102. A study of the chemistry of organic compounds. The studies are based on molecular structure, the properties due to functional groups, and the mechanisms by which molecules react. The laboratory is on a semi-micro scale and includes introductory qualitative organic analysis. (3–3)

204. Organic Chemistry
Prerequisite: Chemistry 201. Course for chemistry majors. Same as Chemistry 202 but with an additional three hours of laboratory which is devoted to macro-scale organic syntheses. (3–6)

215. Analytical Chemistry
Prerequisite: Chemistry 102, Mathematics 201. An introduction to the theory of analytical separations and a study of the principles and methods of quantitative chemical analyses, with emphasis on the application of equilibrium theory to analytical problems. (3–6)

351-352. Physical Chemistry
Prerequisites: Mathematics 202 and credit for or concurrent registration in Chemistry 215 and Physics 211. First semester includes an introduction to elementary thermodynamics and chemical kinetics. Second semester includes a study of electrochemical systems and an introduction to theories of atomic and molecular structure. Laboratory work includes physicochemical measurements and laboratory experiments which illustrate some of the important principles of physical chemistry. (3–3)

395. Selected Topics in Chemistry
Prerequisite: Consent of the instructor based upon adequate preparation in chemistry, mathematics, and physics. A detailed study of an area of chemistry not normally covered in regular chemistry courses. Topics include biochemistry, organic reaction mechanisms, heterocyclic chemistry, nuclear chemistry. May be repeated once for credit when a different topic is studied. May be taken for biology credit when the topic is biochemistry.

421. Qualitative Organic Analysis
Prerequisite: Chemistry 426 or consent of the instructor. A study of the theory and practice of the separation of organic mixtures and the application of physical and chemical techniques to the qualitative identification of the components of mixtures. (2–6)

422. Advanced Inorganic Chemistry
Prerequisite: Chemistry 352. A study of modern interpretations of structure, bonding, and reactivity of inorganic compounds.

426. Advanced Analytical Chemistry
Prerequisite: Chemistry 352 or consent of the instructor. A study of the theory and application of instrumental methods in separation and analysis, emphasizing spectrophotometric, electrochemical, and chromatographic methods. (3–6)

427. Independent Study
Prerequisite: Consent of the instructor based upon adequate preparation in chemistry, mathematics, and physics. Research on an assigned problem and a written report of the investigation. May be repeated once for credit. (1–6)

ECONOMICS AND BUSINESS

Professor Berton, *Chairman*
Professor: Pate
Instructor: Smith
Lecturers: Beard, Couch

Economics

Major Requirements

The economics major offers training for the citizen, who to a degree must be an economist in his daily life; for the business man, who must make decisions in the light of economic developments; and for the economist, who is concerned with the manner in which the economic system as a totality operates. The B.A. in economics requires ten courses in economics plus Business 203–204. The ten courses must include Economics 201 and 202, which are prerequisite for all 300 and 400 level courses; Economics (301–302) and 329 or 312; and the approval of the course of study by the departmental adviser. Three courses in Business at the 400 level may be taken to satisfy major requirements in Economics, with the approval of the adviser. (Business 203–204 is prerequisite for all 300 and 400 level courses.)

123. Economic History of the U. S.
The development of economic activities in the changing U. S. institutional patterns. Fall, 1973.

201. Principles of Economics
An introductory study of economic activity with emphasis on national economic problems. Each semester.

202. Principles of Economics
Prerequisite: 201. An introductory study of the determination of prices, wages, and value; analysis of the process and principles by which an economy allocates resources. Each semester.

(301-302). Statistics
Descriptive and inferential. A study of variance, frequency distribution analysis, regression and correlation, index numbers, time series, sampling, probability, tests of significance, and statistical estimation. Yearly.

311. Intermediate Micro-Economic Theory
Economic theories of individual and business decision-making and their effects on the production and allocation of economic goods. Fall, 1973.

312. Intermediate Macro-Economic Theory
Neoclassical, Keynesian, and modern theories of the determination of aggregate economic activity and their empirical relevance. Spring, 1974.

324. Labor Economics
Development of labor movements, collective bargaining, wages and employment, and public policy. Fall, 1973.

326. Public Finance
Revenue and expenditure policies of the public sector; the public-private mix in resource allocation and distribution. Spring, 1974.

329. Money and Banking
The structure and operation of money and banking institutions, with emphasis on the role of money, banking, and monetary policy in the economic life of the community. Fall, 1973.

402. Growth and Stability
Factors determining economic development, with emphasis on the problems of cycles and inflation. On Demand.

410. Managerial Economics
Application of the theories of profits, market structure, demand, and costs to decision-making by firms. Fall, 1974.

411. Government and Business
The economics of government regulation in the institutional setting of the U. S. and the private enterprise system. Recommended for government, history, and sociology majors. Spring, 1974.

421. Comparative Economic Systems
The nature and operations of alternative systems for determining resource allocation and utilization. (Same as Government 421.) Spring, 1974.

440. International Economics
International economic institutions and the theory of international trade. Spring, 1974.

460. Seminar in Economics
Given on request.

470. Independent Study
Independent study of economic problems. By invitation only.

I-99. Interim Studies
Various topics of interest in economics. Offered in the January Interim.

Business

There is general agreement today that the businessman needs training in the liberal arts. Courses in the humanities, in mathematics and natural sciences, and in the social sciences equip the businessman with the analytical ability and the breadth and flexibility of mind necessary to cope with a technological, social, economic, and political environment that changes with bewildering rapidity.

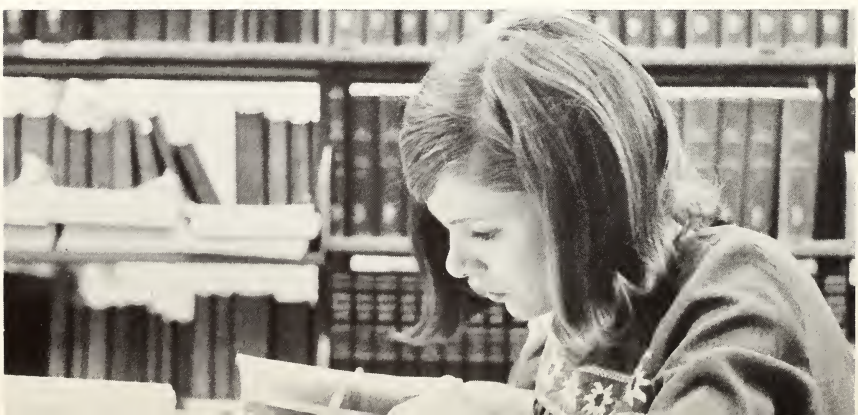
Accordingly, Centenary does not emphasize "training for the first job," because of the danger of concentration on a narrow range of factual knowledge and the development of largely routine skills, none of which may be useful except in certain specific techniques. The narrower the student's training the less equipped he will be to cope with change and to learn from experience on the job.

In the courses designed to train the student in the area of business, Centenary therefore places emphasis on a broad base of fundamental knowledge and the development of certain basic skills on which the student can build through experience obtained after college. To this end the Business curriculum is built around the quantitative and behavioral sciences. The quantitative area is stressed so that the student will learn the use of quantitative data for decision-making. The behavioral sciences are emphasized so that the student will better understand the behavior patterns of formal organization and the problems which arise when men attempt to achieve common goals.

Major Requirements

For the B.S. in business, the requirement is ten courses of business, which must include Business 203-204, Economics (301-302), and Business 321, 323, and 346, plus Principles of Economics 201 and 202. The remaining courses may include any 300-400 level economics courses.

The remainder of the courses required for graduation should be chosen from the following recommended electives and courses to satisfy distributive requirements: humanities—English 304, 305, 342; foreign language; General Education 197, 198; Philosophy 201, 202, 203, 206, 302, 303, 304; science and mathematics—Chemistry 105, Geography 205, Mathematics 106, 123, 201, 202, 203; social science—



Government 201, 309, 310; History 313, 314, 321, 322; Psychology 101, 211; Sociology 101, 102, 305; Speech 200, 211.

203. Principles of Accounting
Prerequisite: Sophomore standing or consent of instructor. An introductory course intended to familiarize the student with the fundamental principles and methods of preparing and analyzing financial statements. Each semester.

204. Principles of Accounting
Prerequisite: Business 203. An introduction to management's uses of accounting data for planning and control. Topics covered include: content and interpretation of the income statement and balance sheet; uses of cost accounting; budgetary planning and control; and internal reports for management. Each semester.

305-306. Intermediate Accounting
Prerequisite: Business 204 or consent of instructor. An intensive study of basic accounting theory and procedures, with emphasis on balance sheet accounts and their interrelationships with income statement accounts. Yearly.

309. Cost Accounting
Prerequisite: Consent of instructor. The objectives and procedures of cost accounting for manufacturing firms. Topics covered include: job order and process cost systems; cost-volume-profit relationships; standard costs and variance analysis; direct costing; relevant costs; and capital budgeting. Fall, 1973.

321. Principles of Management
A study of organizational theory, policies, and procedures common to all institutions charged with the responsibility of achieving a common goal. Fall, 1973.

323. Business Law
A study of the legal aspects of business transactions. Introduction to personal property contracts as well as agency, partnership, negotiable instruments, sales and conditional sales contracts, and to the law of commercial paper. Fall, 1973.

328. Human Relations
Prerequisite: Business 321. A study of individual, small group, and organizational behavior in the business setting. The problems of motivation and communications are studied in goal-oriented activity. (Same as Psychology 328.) Spring, 1974.

346. Principles of Marketing
A study of the distribution of goods and services from producer to consumer. Channels of distribution, marketing functions, institutions, and costs. Spring, 1974.

403. Consumer Analysis and Behavior
Prerequisite: Business 346. A study of the motivation of consumer behavior as explained by a multi-discipline approach drawing from the behavioral and social sciences. Fall, 1974.

406. Marketing Policies and Problems
Prerequisite: Business 346. An advanced course in marketing problems with emphasis upon markets, distribution channels, product analysis, and pricing policies. Fall, 1973.

407. Advanced Accounting
Prerequisite: Business 306. An intensive study of the application of fundamental accounting theory to a number of important fields and activities in business, with extensive use of CPA-type problems. Topics covered include: partnerships; special sales procedures; corporate combinations; an introduction to consolidated financial statements; and actuarial science. Spring, 1974.

408. Quantitative Decision-Making
Prerequisite: Economics (301–302). A study of the development and use of quantitative analytical techniques in decision-making. Offered on demand.

409. Auditing
Prerequisite: Business 306. A study of auditing theory and procedures; special investigations; and the principal kinds of audits, working papers, and reports. Fall, 1973.

412. Income Tax Accounting
The Internal Revenue Code and problems of the preparation of tax returns are studied as they relate to the individual. Emphasis on determination of income and statutory deductions in arriving at the net taxable income. Fall, 1974.

413. CPA Problems
A study of questions and problems given by the American Institute of Accountants in the semi-annual CPA Examinations. Permission of instructor. Given on demand.

414. Research Techniques and Forecasting
Prerequisite: Economics (301–302). The formulation of the problem, data sources and data problems, formulation of the hypothesis, and basic research design and techniques. Fall, 1974.

425. Business Finance
A study of the channels for obtaining capital for corporate promotion, expansion, and reorganization; financial management analysis. Fall, 1973.

426. Investments
A study of the principles and problems determining sound investment policy. Spring, 1974.

461. Seminar in Business

471. Independent Study
A reading and research course open to seniors by invitation.

I-99. Interim Studies
Topics of interest in the study of business. Subject varies from year to year. Offered in the January Interim.

Evening Courses

Courses are offered on demand. Prerequisite for credit: Approval of instructor.

301. Real Estate Principles
A survey course dealing with the fundamental branches of real estate, including advertising, selling, financing, building, construction, building management, and settlement. Offered in cooperation with the Shreveport-Bossier Board of Realtors.

310. Intermediate Cost Accounting
Advanced process cost procedures; "expected" and "basic" cost systems; special procedures for accounting for avoidable and unavoidable spoilage; fundamentals of direct costing. Spring, 1972.

320. Personnel Management
A survey of the organization and administration of personnel departments, education and training policies, wage policies, and the maintenance of good industrial relations.

322. Small Business Operations
Organization and operation of a small business, including capital and credit, and managerial problems.

324. Business Law
Prerequisite: Business 323. A continuation of 323 for those intending to take the CPA Examinations.

343. Salesmanship
Techniques of selling from the point of view of both buyer and seller.

EDUCATION

Professor Gwin, *Chairman*
Associate Professors: Garner and Hallquist
Lecturers: Riser, Locke

Education

The department has responsibility for the teacher-education curriculum of the College, and it also provides elective courses in education for those interested. Its goal is to produce teachers who are professionally prepared, rich in the liberal arts, knowledgeable in the issues of democracy, and strong morally.

All students enroll in the tutorial and clinical program, and not in formal courses in professional teacher education. In the Clinical-Tutorial Program (the first of its kind in any liberal arts college), the student works with a tutorial professor in an individualized schedule of readings, seminars, lectures, and independent study in the theory of education. Practice is gained by the students in concurrent clinical experiences in a variety of local schools and agencies. The students are taken through a carefully planned sequence of observing, aiding, and substituting for master teachers. These master teachers are employed by the local schools and they hold appointments as lecturers in education at Centenary College. Students are supervised by both tutorial professors and the master teachers throughout the last two years of the program.

The teacher-education program meets the requirements for teacher certification in Louisiana. Candidates for teaching certificates in the state must fulfill the requirements for elementary or high school certification. The student teaching required for certification is done in schools in this geographical area. The department provides a Teacher Placement Bureau for all who are registered in the program.

College graduates who wish to become certified teachers, or any other teacher education student not already admitted to the College who wishes to have credentials evaluated, must pay a fee of $15.00 for this service. Payment of this fee also entitles the student to be listed with the Centenary Teacher Placement Bureau.

Major Requirements

A major in education is available only to students intending to teach in the elementary school. Students proposing to teach on the secondary level must complete the major requirements of another discipline, and complete the requirements for certification. For the B.S. in elementary education, the student must complete Education 211, 212, 331-332, 431-432, and Psychology 211. In addition to courses meeting distributive requirements, elementary education majors must complete English 205, Art 207, Mathematics 100 or 115, Speech 101, Geography 205, History 207, Physical Education 239 and 321, 424, or 221, Music 121, and Education 411.

Secondary teacher candidates must, in addition to completion of distributive requirements and those of a departmental major, complete Education 211-212, 341-342, 441-442, and Psychology 211.

The general requirements for teacher certification are as follows: four courses (12 semester hours) in English; three courses (12 semester hours) of laboratory science (of which at least four s.h. must be in biological science and at least four s.h. in a physical science); two courses (six s.h.) in mathematics; four courses (12 s.h.) of social studies, which must include one course in American history; and four s.h. (one cumulative course-credit) of physical education activity courses.

Administrative Requirements

All students planning to certify as teachers must by the end of the sophomore year petition the selective admissions committee of the Teacher Education Advisory Council for acceptance into the Department of Education. They must meet certain requirements of grade average, oral and written communication, health, and appearance as determined by the admissions committee. An "area of concentration" in academic subjects is encouraged for elementary education majors.

211-212. Sophomore Tutorials in Education
An investigation of the history of education and the social and philosophical foundations of education. The role and relevance of psychology in the learning process. Participation in a series of observations in a variety of school and community-agency learning situations. An individualized schedule of readings and seminars. Yearly.

331-332. Junior Tutorials in Elementary Education
Prerequisites: Education 211-212. Psychology 211, and acceptance by TEAC admissions committee. A study of materials, methods, and problems of teaching and learning in the elementary school. Planned participation in elementary school classrooms as a teacher's aide. An individualized schedule of readings and seminars. Yearly.

341-342. Junior Tutorials in Secondary Education
Prerequisites: Education 211-212. Psychology 211, and acceptance by TEAC admissions committee. A study of materials, methods, and problems of teaching and learning in the secondary school. Planned participation in secondary school classrooms as a teacher's aide. An individualized schedule of readings and seminars. Yearly.

351-352. Junior Tutorials in Early Childhood Education
A study of the understanding of the social, emotional, and intellectual needs of the kindergarten child as these relate to curriculum, equipment, teaching aids, and teaching procedures. Participation in kindergarten classrooms will supplement classroom activities.

411. Teaching of Reading in the Elementary School
The values, material, and techniques of a developmental reading program, with coverage of professional literature in the field of reading. Each semester.

431. Senior Tutorials in Elementary Education
Prerequisites: 331-332. Intensive practice teaching under the supervision of a master teacher and College Faculty.

432. Senior Tutorials in Elementary Education
Prerequisites: 331-332. Internship under the supervision of school personnel and College Faculty.

441. Senior Tutorials in Secondary Education
Prerequisites: 341-342. Intensive practice teaching under the supervision of a master teacher and College Faculty.

442. Senior Tutorials in Secondary Education
Prerequisites: 341-342. Internship under the supervision of school personnel and College Faculty.

451. Senior Tutorials in Teaching in Early Childhood Education
Prerequisites: 351-352. Observation and practice teaching in the kindergarten.

ENGLISH

Professor Morgan, *Chairman*
Professors: Guerin, Labor, Marsh
Assistant Professors: Gallagher, Girlinghouse, Jones
Professor Emeritus: Clark
Lecturer: Harbuck

The purpose of courses in English is to develop skill in written communication and to develop critical judgment and appreciation of the work of major writers in relation to their social and intellectual background. The department prepares its majors for teaching in secondary schools, for admission to graduate schools, and especially for those professions and vocations where liberal training and language competency are the principal requisites.

Major Requirements

For a B.A. in English, a student must fulfill the College requirements for a degree, including within them the following:

1. Credit for English 101;
2. Art 101 or 102, and Music 143 or 144;
3. Credit through the intermediate level of a foreign language;
4. Nine courses in English beyond 101, including at least one course from each of the following groups: Medieval (321, 400); Renaissance (309, 310, 316, 402); Restoration and Eighteenth Century (317, 318, 330); Nineteenth Century (303, 304, 330); American (305, 306, 405); Elective (307, 315, 342, 406, 407).

Prerequisite for all courses numbered 300 and above: consent of the instructor. Majors expecting to be certified to teach at the secondary school level must take English 307 and 342.

101. Expository Writing
A course in the principles of expository prose, with emphasis upon reading and upon writing clear, logical, and correct prose in assigned themes. Required of all students unless exempted by examination. Offered each semester.

102. Introduction to Literature
Prerequisite: English 101. An introduction to representative type of fiction, drama, and poetry, with continuing emphasis on writing. Offered each semester.

103-104. Introduction to the English Language I-II
A two-semester course designed primarily for foreign students but open without credit to any student whose English deficiencies could be helped by it. Emphasis on pronunciation, the structure of English, vocabulary-building, reading comprehension, and elementary writing skills culminating in the paragraph.

105-106. Introduction to the English Language III-IV
A continuation of 103–104 with emphasis on the reading of general interest magazines (105) and technical and scholarly articles in the student's major (106). Writings geared to the readings: for example, precis, summaries, analysis, exposition, and research reports.

201. Seminars in Literature
Prerequisites: English 101 and 102 or the equivalent. Courses in which each class section deals with a different topic (e.g., satire, myth and archetype, the literature of social protest, tragedy, comedy, literature of the absurd, etc.) Selections are studied as esthetic creations and as illustrations of the topic under consideration. Readings cut across genres and national literatures. Topics change from semester to semester. May be elected for up to three course credits, but individual topics may not be repeated. Offered each semester.

205. Children's Literature
A survey of children's literature through the ages, with special attention to developing a love of reading and a knowledge of genres and motifs and to related literary matters like vocabulary-building, knowledge of other cultures, and, where appropriate, history and biography. Open only to students who are candidates for certification in elementary education. Offered each semester.

303. Romantic Poetry and Prose
A detailed study of the major Romantic poets and of selected prose works which set forth the critical and esthetic standards of the Romantic movement. Fall, 1973, and alternate years.

304. The Victorian Period
A study of representative Victorian writers, exclusive of the novel. Spring, 1973, and alternate years.

305. Survey of American Literature, 1630-1870
A survey of American writing from colonial times to about 1870. Fall, 1973, and alternate years.

306. Survey of American Literature, 1870 to the Present
A survey of American writing from about 1870 to the present, with attention to recent trends in the development of American literature. Spring, 1974, and alternate years.

307. History of the English Language
A survey history of the language and an introduction to linguistics. Particular attention paid to phonology, morphology, and syntax and to key concepts in descriptive linguistics and grammar. Compositions include short, analytical, expository themes as well as a research paper. Fall, 1972, and alternate years.

309. Shakespeare: Plays and Sonnets
A study in depth of eleven plays and the sonnets. The arrangement is basically

chronological; and examples of histories, comedies, and tragedies are included. Fall, 1973, and alternate years.

310. Shakespeare: Plays and Poems
A study of eleven plays not included in English 309, and of "Venus and Adonis" and other poems. Spring, 1973, and alternate years.

315. Modern British Literature
A study of significant British writers from the late nineteenth century to the present. Fall, 1974, and alternate years.

316. The English Renaissance
A study of English literature of the late fifteenth to mid-seventeenth century, exclusive of Shakespeare and Milton. Special attention is given to Spenser, Sidney, Bacon, Browne, Burton, Jonson, and Donne. Spring, 1973, and alternate years.

317. The Age of Dryden and Pope
A study of the representative literature of 1660 to 1744, exclusive of the novel. Fall, 1973, and alternate years.

318. The Age of Johnson
A study of the representative literature of 1744 to 1798, exclusive of the novel. Spring, 1973, and alternate years.

321. Pre-Renaissance Classics in Translation
A critical and historical study of representative Greek and Roman epic and lyric poetry and of drama, and of the medieval synthesis exemplified by Dante. Emphasis is both on the literary value of the works and on their relevance to the American-British cultural tradition. Fall, 1972, and alternate years.

330. The English Novel in the 18th and 19th Centuries
A study of the English novel from its beginnings in the 18th century through the 19th century, with particular attention to historical and artistic influences. Spring, 1974, and alternate years.

342. Advanced English Grammar and Composition
A descriptive study of the structural logic and idiom of the English sentence and of the creation of precise, functional composition. Spring, 1974, and alternate years.

400. Chaucer
A study of the major poems, with chief emphasis upon *The Canterbury Tales*. Spring, 1974, and alternate years.

402. Milton
A study of the poetry and of typical prose, with emphasis upon *Paradise Lost, Samson Agonistes,* and the minor poems. Spring, 1974, and alternate years.

405. Studies in Representative American Writers
Intensive readings in major writers who represent significant trends in the development of American literature. Considerable work in bibliography and research, with presentation of individual papers. Fall, 1972, and alternate years.

406. Literary Criticism
A study of the background and development of modern literary criticism, with particular emphasis upon its development after Coleridge. The influences of literary theory, the various critical theories of this century, and the problems of practical criticism are the concerns of lectures, class discussions, and papers. Spring, 1973, and alternate years.

407. Independent Study
Prerequisites: Senior standing and permission of the chairman of the department. Either semester of senior year. The writing of a thesis and an oral examination at the end of the semester are the core of the course. The chairman of the department appoints a committee of not fewer than three Faculty members to guide each student and to conduct the oral examination. Regular class sessions are not required, but the Faculty members arrange seminar discussions when circumstances warrant such meetings. A copy of the thesis is filed with the chairman of the department. Offered each semester.

FOREIGN LANGUAGES

Professor Beck, *Chairman*
Associate Professor: Eason
Assistant Professors: Curbelo, Watts
Instructors: Bissell, Copeland, Knox
Lecturer: Curlin

Major Requirements

For a B.A. in French or Spanish, the student must successfully complete 12 courses in the major language. For the B.A. in Foreign Languages, the student must successfully complete eight courses in the major language, and four in the minor. All three majors require the following additional courses: four in English; two courses in a physical or biological science with laboratory requirement (both courses to be taken in the same science: i.e., a one-year course); one course in fine arts (e.g., Fine Arts Survey, History of Art, etc.); and one course in religion (either 201 or 202).

Study of one or more foreign languages will introduce the student to the accumulated culture and experience of the human race, show him the continuation of the present from the past, and provide him with some understanding of the world he lives in. It also provides him with a better sense of the structure of language, particularly his own, and of the way in which language reflects and embodies culture.

If the student plans to be a translator, he needs to acquire a thorough reading knowledge of the language of his choice. If he plans to enter the diplomatic service or be an interpreter, he will need also to master the spoken language. If he plans to prepare to do clerical work involving foreign correspondence as a commercial attache, a secret service employee, or a foreign trade expert, he will need to acquire skill in both speaking and writing the language of the countries in which he is interested.

All students who plan to proceed from the baccalaureate degree into graduate study should be aware that most graduate schools require evidence of a reading knowledge of at least one, and sometimes two, modern foreign languages.

Entering students who have had at least two years of a foreign language may, after consultation with the Department of Foreign Languages, enter the study of the same foreign language in college at the intermediate level.

In addition to three class hours weekly, two hours of work in the Language Laboratories each week are required for successful completion of all courses in the department numbered 101, 102, 203, and 204.

French

(101-102). Elementary French
Oral practice and pronunciation, elementary composition, reading and grammar.

201-202. Intermediate French
Prerequisite: French (101-102). More difficult reading, composition and literature.

203-204. Advanced Grammar and Intermediate Conversation
Prerequisite: French (101-102). Strongly urged for all French majors and those planning to teach in secondary schools. Not to be substituted in any case for 201-202. Laboratory work and instruction via the oral method. More complex grammatical constructions, idiom drills, compositions, and phonetics.

301-302. A Survey in French Literature
Prerequisite: French 201-202. Required for French majors. Studies in texts from the Chansons de Gestes down to the present day.

303. Modern and Contemporary Drama
Prerequisite: French 201-202. Lecture, outside reading, and study in class from such dramatists as Rostand, Bataille, Pagnol, Giraudoux, Sartre, Salacrou, and Anouilh. Fall, 1972, and alternate years.

304. Contemporary Novel and Short Story
Prerequisite: French 201-202. Lecture, outside reading, and study in class of such writers as Gide, Proust, Colette, Mauriac, Romains, Duhamel, Morand, Lacretelle, Ayme, Troyat Camus, and Boulle. Spring, 1973, and alternate years.

401. Moliere, Corneille, and Racine
Prerequisite: French 301-302. Lectures in French, collateral reading, study of their most distinctive plays. Fall, 1972, and alternate years.

402. Voltaire and Rousseau
Prerequisite: French 301-302. Lectures in French, collateral reading, study in class of their most representative works. Spring, 1973, and alternate years.

404. The Modern Novel
Prerequisite: French 301-302. Lectures in French, study in class of representative works

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of Stendhal, Balzac, Flaubert, Zola, and France. Spring, 1974, and alternate years.

407. Romantic Novel
Prerequisite: French 301–302. Lectures in French, outside reading, and study in class of such writers as Lafayette, Marivaux, Le Sage, Prevost, Saint-Pierre, de Stael, Constant, and Hugo. Fall, 1973, and alternate years.

German

(101-102). Elementary German
An audio-lingual approach to basic German speech patterns. Conversation, functional grammar, and reading, supplemented by drill in the language laboratory.

201-202. Intermediate German
Prerequisite: German (101–102) or equivalent. Continuation of oral-aural practice, integrated with a systematic review of grammar; vocabulary building; and composition. Extensive reading in modern German prose, including some selections representative of modern scientific and technical prose.

301-302. Advanced German
Prerequisite: German 201-202 or equivalent. Advanced readings reflecting various aspects of literary and cultural life in Germany as a basis for written and oral practice designed to increase the student's command of contemporary German. Offered in 1973–74 and alternate years.

303-304. Survey of German Literature
Prerequisite: German 201-202 or equivalent. Dieser Kurs veranschaulicht die Entwicklung der deutschen Literatur von ihren Anfaengen bis zur Gegenwart. Besondere Betonung liegt bei der Auswahl des Lesestoffes auf den weniger umfangreichen Werken, die in ihrer literarischen Gestalt typische Vertreter der betreffenden Epoche sind. Offered in 1972–73 and alternate years.

407. Directed Study
Prerequisite: German 201–202 and permission of the instructor. Study in a field of German language or literature appropriate to the student's preparation and interests.

Latin

(101-102). Elementary Latin
An introduction to the fundamentals of Latin grammar and the reading of Latin authors.

201-202. Intermediate Latin
Designed for freshmen entering with two units of Latin, or those who have had Latin (101–102). Reading from several Latin writers. Systematic review of principles of syntax.

301-302. Advanced Latin
Prerequisite: Latin 201–202 or three years of high school Latin. Selections from the essays of Cicero, the *Aeneid* of Virgil, and the *Metamorphoses* of Ovid.

407-408 Directed Study
Prerequisite: Permission of instructor. The drama, poetry, and philosophy of the Latin writers, with special attention to Plautus and Terence, Livy and Sallust, and Luretius.

Spanish

(101-102). Elementary Spanish
Grammar, reading, composition, and oral practice.

201-202. Intermediate Spanish
Prerequisite: Spanish (101–102). Advanced grammar, composition, conversation, and reading of short stories.

203-204. Advanced Grammar and Intermediate Conversational Spanish
Prerequisite: Spanish (101–102). Strongly urged for all Spanish majors and those planning

to teach in secondary schools. Not to be substituted in any case for 201–202. Laboratory work and instruction via the oral method. More complex grammatical constructions, idiom drill, composition, and intonation patterns.

301-302. A Survey Course in Spanish Literature
Readings from all periods of Spanish literature.

303-304. Survey of Spanish-American Literature
Readings in the literature of all periods of Spanish-American literature, as well as a survey of the life and culture of the Spanish-American countries.

401. The Drama of the "Siglo De Oro"
Prerequisite: Spanish 301–302. A study of the best plays of Lope de Vega, Calderon, and other great dramatists of the seventeenth century. Fall, 1973, and alternate years.

402. The Modern Drama
Prerequisite: Spanish 301–302. The best plays of Jacinto Benavente and other leading dramatists of the nineteenth and twentieth centuries. Spring, 1974, and alternate years.

421. The Early Novel
Prerequisite: Spanish 301–302. The Spanish novel of the sixteenth and seventeenth centuries, with particular attention to Cervantes and *Don Quixote*. Fall, 1973, and alternate years.

422. The Modern Novel
Prerequisite: Spanish 301–302. The Spanish novel since the seventeenth century. Spring, 1973, and alternate years.

GENERAL EDUCATION

197, 198. Fine Arts Survey
A course designed to stimulate the esthetic interest of students in art, music, and the theatre; to encourage their intelligent enjoyment; and to suggest criteria for appreciation of these fine arts. Yearly.

402. Great Issues
Enrollment is limited to seniors in the year of their candidacy for graduation, and those students in the final Centenary year of a 3+1 or 3+2 program. An interdivisional course designed to acquaint the student with some of the important issues which should concern the college graduate of today. One hour of lecture and two of group discussions weekly. Lecturers are outstanding Centenary Faculty members from all the disciplines, and outside speakers of note. The course is required for graduation and must be taken at Centenary College. Offered each semester.

GEOGRAPHY AND GEOLOGY

Professor Hickcox, *Chairman*
Associate Professor: Shaw
Lecturer: Langton

The Geology Department provides training which will fit the student for employment or for graduate study. First-year courses offered by the Geology Department are designed to broaden the student's knowledge and understanding about the earth and to develop an appreciation of our environment. Various processes of geology that have been proceeding at fairly uniform rates since the continents and oceans formed are identified and discussed. The present environments are used as models to demonstrate past conditions on earth. It may be said that the play remains the same, only the cast of actors changes.

The major student in geology learns the necessary fundamentals and principles of earth science required for successful graduate work and research. Those students not interested in graduate study may upon graduation choose to work with a state or federal geological survey, an oil company, or a mining company. However, the superior student is directed toward advanced studies.

Major Requirements

In addition to the courses meeting the College's distributive requirements, a candidate for the B. S. will take 10 courses in geology, including the following required courses: Geology 101–102, 111–112, 151, 201, 202, 203, 204, and 252. He must also complete the following courses: Chemistry 101–102, Mathematics 106, Physics 101, one course in Engineering Science , two courses in a foreign language, and Speech 200. A summer field camp is encouraged.

Geography

205. Human Geography
The earth's surface from the standpoint of its physical and cultural regions. Emphasis on the distribution of people and on man's changing relations with his habitat.

Geology

101-102. General Geology
Prerequisite to all other courses in the department. Introductory lecture course covering physical geology the first semester and historical geology the second semester. Offered yearly. (3–3)

151. Regional Geology
A brief outline of the geology of the United States by the application of basic geologic principles and with an introduction to its geomorphology. Fall, 1971, and alternate years.

305, 306. Paleontology
An introduction to the study of structure, mode of life, distribution, and development of the living forms of past ages. Yearly. (2–3)

203. Structural Geology
A study of the mechanics of folding, faulting, and other structural features, their geologic effects, and the solution of structural problems. Spring, 1973, and alternate years. (2–3)

204. Mineralogy
A description of the common minerals of the earth's crust, with identification by physiochemical means. Fall, 1971, and alternate years. (2–3)

233. Problems in Structural Geology
Prerequisite: Geology 203. The application and solution of graphic problems in structural geology as related to studies in petroleum geology. (1–2)

351. Economic Geology
The genesis of ores, the structure and stratigraphy of mineral-producing ores, and the economic aspect of mineral deposits. Fall, 1972, and alternate years.

352. Elementary Petrology
The description and identification of the common rocks in the crust of the earth, and a study of the theories of origin for the different types of rocks. Spring, 1973, and alternate years. (2–3)

301. Geology of Petroleum
A course devoted to the study of the origin, migration, and accumulation of petroleum and of the oil and gas fields in the U. S. in general. Fall, 1972, and alternate years.

302. Geology of the Ark-La-Tex Oil and Gas Fields
A detailed study of the various oil and gas fields of the Ark-La-Tex. Spring, 1973, and alternate years.

303. Well Logging
A study of the various methods of well-logging and their application to the general field of geology.

401. Sedimentation
A discussion and study of the origin and environments of sediments and their lithification. Yearly.

402. Principles of Stratigraphy
The principles underlying the study of the stratigraphic units of the earth's crust throughout geologic time. Yearly.

405. Introduction to Geophysical Prospecting
Prerequisite: Mathematics 101, 105, or equivalent; Physics 103–104. An introduction to the various methods of geophysical prospecting for petroleum products. Includes the study of magnetic, gravitational, seismic, electrical, and other methods.

421-422. Introduction to Micropaleontology
A study of some of the important microfossils of the geologic column and methods of applying these data. 1972–73 and alternate years. (1–6)

440. Geology Seminar
Discussion groups on general phases of the whole field of geology and upon the history of science as a whole and of geology in particular.

PHYSICAL EDUCATION

Assistant Professor Tucker, *Chairman*
Instructor: Settlemire

The Department of Physical Education offers a program of activity and sports for all students, which includes conditioning exercises, individual and team sports, rhythmic activities, and swimming; an intramural program which is extended to promote competitive experience in sports; and professional preparation of students for careers as teachers of health and physical education, as athletic coaches, and as workers in church, community, and industrial recreation. Health Education is an integral part of our program.

Activity courses are open to all students who wish to participate in these supervised activities. Courses number 201 and 202 are cumulative half courses. Non-majors wishing to take theoretical courses in Physical Education must have authorization from the department chairman. In most instances PE 225 is a prerequisite for all theoretical courses; the exception being the following courses: I-99, 221, 239, 321, and 424.

Major Requirements

Candidates for the B. S. degree in physical education must meet all distributive requirements of the College; they must in addition complete 12 courses in health and physical education approved by a Faculty adviser. These courses will be chosen from the following: 221, 223, 225, 321, 324, 330, 332 or 334, 341, 342, 347, 348, 423, 424, and 430. They must also satisfactorily complete three courses in biology: 101–102 and 217.

201, 202. Co-Educational Activity
Archery, Badminton, Bowling, Dance (modern, folk, and square), Fencing, Golf, (Beginning and Intermediate), Lifesaving, Riflery, Swimming, and Tennis (Beginning & Intermediate).

221 First Aid and Safety
Designed to develop competence in rendering immediate and temporary aid to a victim of accident or sudden illness. Theoretical and practical approach. Covers both standard, advanced, and instructor courses of the American National Red Cross, with certificates granted for satisfactory work. Meets three hours each week. Yearly.

223. History and Principles of Physical Education
Prerequisite: Sophomore standing. An introductory course designed to acquaint students with the biological, psychological, and sociological foundations of physical education, and to provide them with historical reference sufficient for intelligent interpretation and evaluation of current practices in the field. Yearly.

225. Intramural Sports Techniques
A study of the methods commonly used in organizing and administering a program of intramural sports in public schools. Emphasis is given to classification for competition, rules and regulations, league play statistics, arrangements, and officiating. Each semester.

227. Techniques of Athletic Conditioning and Training
Prerequisite: Sophomore standing. A study of the relationship between physical condition and successful participation in sports. Emphasis is given to the selection and administra-

tion of exercises, with due regard for the safety and welfare of those concerned, and to the prevention, recognition, care, and treatment of athletic injuries. Yearly.

239. Materials and Methods of P.E. for the Elementary Grades
Basic materials in games, stunts, self-testing activities, calisthenics, and rhythms. Emphasis upon procedures for presentation of activities in the elementary school. Each semester.

321. Personal and Community Health
A study of factors influencing and determining personal health, and an introduction to methods used in preventing disease in individuals and in communities. Yearly.

324. Kinesiology
Prerequisite: Biology 217. A study of the factors influencing bodily movement. Consideration is given to the mechanical and physiological action of joints and muscles. Yearly.

330. Tests and Measurements
A study of tests designed to measure health, physical fitness, strength, motor ability, and game skills, and the use of the results of the tests. Yearly.

332. Swimming and Life-Saving Techniques
A course designed to develop basic skills in swimming as well as the ability to aid others in distress in water. Senior life saving and water safety instructor certificates of the American National Red Cross may be obtained. Yearly.

334. Folk and Square Dance Techniques
Theory and practice of folk and square dance. A bibliography of materials and music given. Instruction in teaching and calling dances. Yearly.

341. Theory and Practice of Team Sports
Analysis of techniques, progression in presentation, practice, lead-up activities, and knowledge of official rules. Yearly.

342. Theory and Practice of Individual Sports
A theoretical and practical study of skills adapted for use in secondary schools. Yearly.

347. Techniques of Coaching Football and Basketball
A study of the basic offensive and defensive formations and patterns, their strengths and weaknesses. Program organization and administration are included, as well as instruction in fundamentals.

348. Techniques of Coaching Baseball, Track and Field
A study of the fundamentals of baseball and track and field events, game strategies and meet administration.

423. Administration of Health and Physical Education
A study of the principles underlying the organization and administration of programs of health and physical education in modern schools. Yearly.

424. School Health
A study of health problems of school children; detection and correction of defects; prevention and control of communicable diseases. Environmental health factors are considered. Yearly.

430. Physiology of Exercise
Prerequisite: Biology 217. A study of the reactions of the body functions to exercise. The understanding of the human organism during muscular activity in terms of communication, energy production, and transportation. Alternate years.

HISTORY AND GOVERNMENT

Professor Vogel, *Chairman*
Professor: W. M. Lowrey
Associate Professors: Hancock, Rainey
Instructor: Garvin

The courses offered by the Department of History and Government are designed to make an essential contribution to a liberal education by providing the general student with a comprehensive and integrated knowledge of man's history; to provide the training necessary for more advanced study in history and political science; and to provide the practical knowledge of historical and political developments which is an essential part of the preparation of those students expecting to enter the professions of law, government service, politics, and business.

History

Major Requirements

A candidate for the B. A. in history must complete ten courses in history, including History 441, plus two courses in economics and two courses in government. Not less than ten courses numbered 300 and above must be presented for graduation, of which not less than five must be in history. Students majoring in history are required to complete the intermediate level in a foreign language approved by the major adviser.

101, 102. Survey of European History
A rapid survey for freshman students who wish to familiarize themselves with the background of present-day Europe.

201, 202. History of England and Great Britain
A general survey of the history of England and the British Empire to the present time.

205, 206. History of the United States
A comprehensive survey of the major developments in American history from the colonial period to the present.

207. History of Louisiana
A rapid survey of French and Spanish colonization; development of the state politically, socially, and economically to the present time.

301, 302. History of the Christian Church
Same as Religion 301, 302.

307. The Negro in American History
Prerequisite: Three hours of American history or American government. A study of the Negro in American life from 1619 to the present.

309-310. History of American Foreign Relations
Same as Government 309–310.

312. History of the Ante-Bellum South
Social and economic characteristics of the deep South, with emphasis on the plantation system. Field trips to adjacent areas.

313-314. Contemporary Europe
A survey of Europe since 1914, considering two World Wars, events leading to World War II, and problems created by the Atomic Age.

317, 318. Renaissance and Reformation
A study of the important social, political, economic, and cultural developments in European civilization during the 14th and 15th centuries. The Reformation section covers the 16th century and the first half of the 17th century. (Same as Religion 317, 318.)

321, 322. American Intellectual History
The evolution of American intellectual and cultural life from colonial times to the present, as expressed in political and economic thought, theology, philosophy, and literature, with reference to the interaction between ideas and social structures.

341-342. History of Latin America
First semester, the development of Spanish and Portuguese America to the wars of independence; second semester, the development of the independent states in the 19th and 20th centuries.

399. Independent Study
Students taking History Honors will earn credit with Honors in this course. Permission of the department is required.

441. Seminar in History
Prerequisite: History major and consent of instructor. A study of various schools of historical scholarship and in introduction to the elements of research.

I-99. Interim Studies
Prerequisite: Consent of the department. Various topics to be announced for study during the January Interim.

Government

Major Requirements

A candidate for the B. A. in government must complete ten courses in government, including Government 441, plus two courses in history and two in economics. Not less than ten courses numbered 300 and above must be presented for graduation, of which not less than five must be in government. Students majoring in government are also expected to complete the intermediate level courses in a foreign lan-

JACKSON HALL

guage approved by the major adviser. Government 201 and 207 or consent of instructor are prerequisite to all 300– and 400-level courses.

201. American Government
Constitutional principles, agencies of the federal government and their relationships to the states, and individual civil rights, citizenship, political subdivisions.

207. International Relations
A survey of current world problems, with emphasis upon world organizations, power politics, international law, goepolitics, and peace organizations.

210. State and Municipal Government
A survey of problems, functions, and weaknesses in state and municipal governments with emphasis upon political machines, types of municipal government, local planning, and study of government in Louisiana.

303. Constitutional History of the United States
Prerequisite: Junior standing. A study of the development of Constitutional principles and practices in American history.

304. Leading Cases in Constitutional History
Prerequisite: 303 or consent of instructor. Study and analysis of the most important decisions of the United States Supreme Court.

305. Comparative Government I: Western European Governments
A survey of the governmental forms of Great Britain, France, and West Germany with emphasis on the relationship of tradition to social and political structure. Fall, 1972, and alternate years.

306. Comparative Government II: Eastern Bloc Governments
A study of traditions, structures, and operations of the governments of the Soviet Union, China, and selected Eastern European countries. Emphasis will be on the relationships between ideologies, theory and practice, today and in the future. Spring,1973, and alternate years.

307. Political Theory
A study of classic political thought and its use in modern political analysis.

309-310. History of American Foreign Relations
A diplomatic history of the American people, with emphasis on the influence of public opinion in determining foreign policy. (Same as History 309–310.)

311. Political Parties
A survey of the history, functions, and weaknesses of the political party system in the United States.

312. American Political Institutions
A study of the nature and functions of the American presidency and the Congress. Attention will be given to such factors and sources of strength and weakness within these branches, as approaches to the use of presidential power, the legislative process, congressional reform, and legislative-executive relations. Spring, 1972, and alternate years.

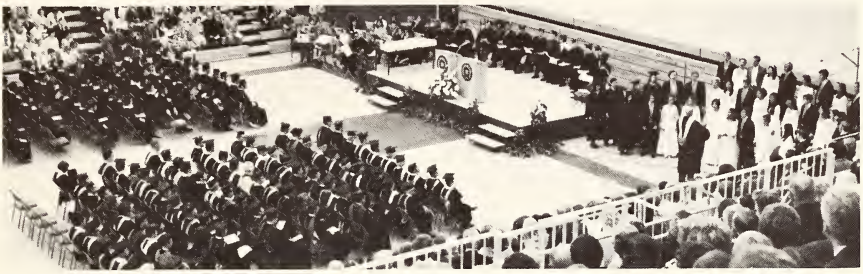
324. International Law
A study of the development and foundations of international law; the laws of war, peace, and neutrality; and a study of the laws of treaties with emphasis on law enforcement, state responsibilities, diplomatic immunities, and war crimes.

399. Independent Study
A maximum of two course credits can be earned. Students taking Government Honors will earn credit with Honors in this course. Permission of the department is required.

421. Comparative Economic Systems
Same as Economics 421.

441. Seminar in Government
Prerequisite: Government major and consent of instructor. A study of scholarship in government and an introduction to the elements of research.

I-99 Interim Studies in Government
Prerequisite: Consent of the department. Various topics in government to be announced for study during the January Interim.



MATHEMATICS

Assistant Professor Simmons, *Acting Chairman, 1970–72*
Professor: Carlton (on leave, 1970–72)
Associate Professors: Self, Speairs
Assistant Professors: Danvers, Simmons, G. Treese
Lecturer: J. Treese

The department of Mathematics aims to contribute to the student's liberal education by showing the role mathematics has played and is playing in the development of civilization, and by giving him the opportunity to appreciate mathematics for its own esthetic qualities.

It aims particularly to give fundamental training to students in the natural sciences and engineering, and also to those in the social and behavioral sciences. The mathematics program is so planned that a student majoring in the field may choose any one of a number of avenues to follow after graduation, including the teaching profession, work in industry, in computer mathematics, further training toward actuarial work, or the combination of mathematics with other scientific training, as well as graduate work in pure mathematics.

High school mathematics through trigonometry is the suggested background for an incoming freshman, with Mathematics 101 offered only for those students not able to obtain this background before entering college. Mathematics 101 may not be taken for credit by any student who has had any introduction to the calculus in secondary school.

Major Requirements

Students may receive either a B. A. or B. S. degree with a major in mathematics. For either degree, a minimum of nine courses of mathematics in courses numbered 201 or higher is required. Three must be in courses numbered 401 or higher. Of the ten courses numbered 300 or higher for degree requirements, at least four must be taken outside the Department of Mathematics.

Distributive requirements in mathematics may be met by courses numbered 101 or higher.

100. Mathematics for Teachers I
(Open for credit only to elementary education majors. Does not satisfy distributive requirements in mathematics.) Logic, sets, the set of counting numbers. Numeration systems. The rational numbers, decimals. The real number system. Fall semester yearly.

101. Algebra and Plane Trigonometry
Introduction to set theory. Logical development of the real number system. The notions of variable and function (algebraic, trigonometric, exponential, logarithmic) and their geometric representation. Inverse functions. Equations and identities. Offered each semester.

105. Introduction to Finite Mathematics
(Open only to non-science majors.) Statement logic. Elementary theory of sets. Counting problems and probability theory. Vectors and matrices. Applications. Offered each semester.

106. Analytic Geometry and Calculus I
Coordinate systems, straight lines, functions, and graphs. Limits, derivatives of algebraic functions, applications of the derivative. Each semester.

115. Mathematics for Teachers II
Prerequisite: Mathematics 100 or consent of instructor. Open for credit only to elementary education majors. Topics from number theory, geometry, algebra, and the history of mathematics. Spring semester yearly.

123. Computer Systems
Introduction to computer languages, methods, and operations, with particular emphasis on Fortran IV and its application to a variety of problems using the College computer. Each semester.

201. Analytic Geometry and Calculus II
Prerequisite: Mathematics 106. The definite and indefinite integral. Derivatives and integrals of exponential, logarithmic, hyperbolic, trigonometric, and inverse trigonometric functions. Techniques in integration, integration by parts. Offered each semester.

202. Analytic Geometry and Calculus III
Prerequisite: Mathematics 201. Further application of the calculus. Basic properties of continuous and differentiable functions. Infinite series. Plane curves and polar coordinates. Offered each semester.

203. Linear Algebra
Prerequisite: Mathematics 106. Systems of linear equations, vector spaces, linear dependence, bases, dimension, linear mappings, matrices, determinants, applications. Yearly.

303. Analytic Geometry and Calculus IV
Prerequisite: Mathematics 202. Three-dimensional analytic geometry. Introduction to vector analysis. Differential calculus of several variables. Multiple integration. Line and surface integrals. Offered each semester.

304. Foundations of Geometry
Prerequisite: Consent of instructor. Advanced Euclidean geometry, with emphasis on transformation theory. Topics from ordered geometry, affine geometry, absolute geometry, non-Euclidean geometry, and n-dimensional geometry. Yearly.

305. Mathematical Statistics
Prerequisite: Mathematics 201. Probability, sample spaces. Mathematical models, testing hypotheses. Empirical and theoretical frequency functions. Correlation and regression. Testing goodness of fit. Yearly.

306. Modern Algebra
Prerequisite: Mathematics 201. Basic properties of groups, rings, fields, and morphisms. Yearly.

307. Differential Equations
Prerequisite: Mathematics 303. Common types of ordinary differential equations, especially of the first and second order. Problems which lead to differential equations and the standard methods of their solution. Yearly.

403. Topology
Prerequisite: Mathematics 303. A survey of fundamental properties of topological spaces with particular emphasis on the real number system. Connectedness, compactness, continuous mapping, homeomorphism, metric spaces. Fall, 1971, and alternate years.

404. Vector Analysis
Prerequisite: Mathematics 303. A basic course in vectors. Topics include vector and scalar products, vector equations, and vector calculus. Applications from differential geometry and physics. Curvature, torsion, and Gaussian curvature. Yearly.

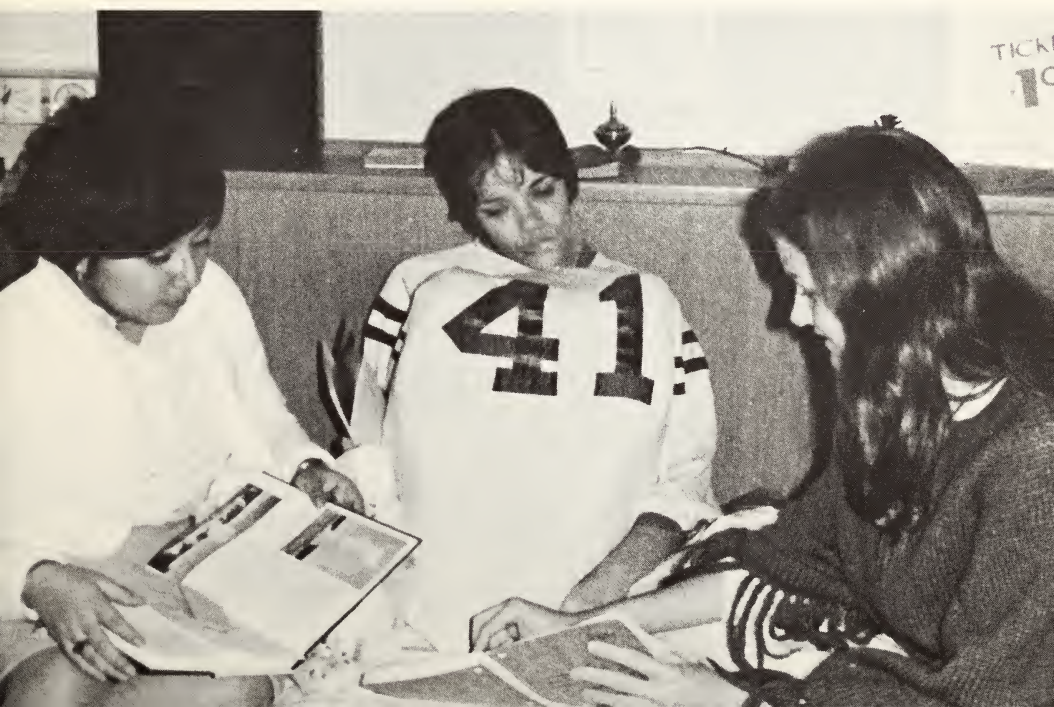
405. Numerical Analysis
Prerequisites: Mathematics 303 and 123 or the equivalent. Selected numerical methods dealing with the solution of algebraic and transcendental equations, finite differences and interpolation, integration, and differential equations. Yearly.

407. Introductory Real Variable Theory I
Prerequisite: Mathematics 303. Real and complex systems, sets, metric spaces, continuity and differentiation. Fall, 1972, and alternate years.

408. Introductory Real Variable Theory II
Prerequisite: Mathematics 407. Riemann-Stieltjes integral, sequences and series of numbers and functions. Spring, 1972, and alternate years.

410. Independent Study in Mathematics
Open to advanced students in mathematics with departmental approval. One hour conference per week. Library and research work pertinent to the area of study selected. A written thesis is required.

I-99. Interim Studies in Mathematics
Special topics offered each January Interim.



SCHOOL OF MUSIC

Professor Carroll, *Director*
Professor: Voran
Adjunct Professor: Teague
Associate Professors: Causey, Dean, Harlan
Assistant Professor: Perkins
Lecturers: C. Carroll, Shenaut, Wideman, Fernandez, Kacenjar, Kozak, Lee, Noonan, Voss

Degrees

Centenary College offers the B. A. degree with a major in music, and the B. M. degree with majors in applied music, music education, and composition. The School of Music is a member of the National Association of Schools of Music; requirements for entrance and for graduation are therefore based upon the published regulations of that Association.

Applied Music

All prospective music majors will be required to audition or submit a tape recording of their major applied music area. Evaluation of this audition will determine whether or not a student will be accepted into the School of Music without condition. Students who meet all admission requirements but fail to meet School of Music standards in applied music will be allowed to register for Music 170 (Applied Music), and may repeat this course for one semester. If minimum applied music standards are attained, the student will then be admitted into the normal applied music course sequence (Music 100 *et seq.*). Arrangements for audition or submission of a tape should be made prior to registration, with the Director of the School of Music.

Credit in applied music for students transferring from other schools will be determined by an audition or a tape recording submitted in advance of registration. Transfer students should also expect to take examinations in music theory and music history to determine whether or not equivalent standards have been met. Until auditions and examinations have been completed and evaluated, music credit for any transfer student will be provisional.

At the end of the sophomore year, all music majors will be expected to qualify in the area of their applied music major before a Faculty jury. The recommendation of the jury will determine whether or not the student continues in the applied music course sequence he has elected.

Music Education

The course in public school music leading to the degree of Bachelor of Music in music education is designed to meet state requirements for teacher certification in the public school systems of Louisiana. All students planning to certify as teachers must by the end of the

sophomore year petition the selective admissions committee of the Teacher Education Advisory Council for acceptance into the Department of Education. Interested students should consult with the Director of the School of Music for details of this particular curriculum.

Piano Proficiency

All music majors will be expected to demonstrate an adequate proficiency in piano. This proficiency test will include sight reading, accompanying, and performing at a reasonable level determined by the School of Music, and will normally take place during the second semester of the sophomore year.

Minimum Course Requirements

Certain minimum course requirements in music must be met in all music major programs. These courses are: Music 100, 200, 300, 400; 111–112, 211–212; 141–142, 341–342, 441; 001–002 (recital attendance); and ensemble for each semester in which the student is registered in the College.

Additional requirements are determined by the specific degree program and applied music major selected by the student. Interested students and prospective majors should consult early with the Director of the School of Music for course plans fitting specific majors.

Ensemble

All students are required to participate in an ensemble (Music 151, 153, 155, or 157) for each semester in which they are enrolled at Centenary.

001-002. Recital Attendance **No Credit**
Required of all music majors for each semester in which they are registered at Centenary.

107-108. Diction for Singers **Half Courses**
Survey of pronunciation of Italian, French, German, and English. International phonetic alphabet used. Required of voice majors. 1971-72 and alternate years.

111-112. Elementary Music Theory
An integrated study of theory. Part writing, keyboard, sight singing, and ear training are presented concurrently in order to make the student aware of the relationships between these elements. Small formal units are included. Required of all music majors.

129-130. Piano Class **Half Courses**
For non-keyboard music majors working to pass the piano proficiency examination, and for electives. Two class hours and six practice hours weekly.

141-142. Introduction to Music History and Literature
An introduction to the principal styles, composers, forms, and media found in the standard repertoire. Required of all music majors.

143-144. Music Appreciation
A cultural course for the general college student. Survey of the principal musical styles and media. Not for music majors.

211-212. Advanced Music Theory
Prerequisites: Music 111-112. A continuation of Music 111-112, with emphasis on modulation, altered chords, formal structures, and some contemporary techniques. Required of all music majors.

213. Analysis of Musical Forms
Prerequisites: Music 111-112. A study of musical design in the larger homophonic forms of the common-practice period, together with analysis of contrapuntal procedures and free approaches to musical form. In addition, there is investigation into some 20th century applications of musical design.

214. Counterpoint
Prerequisites: Music 211-212. A study of 18th century contrapuntal techniques through composition and analysis.

229-230. Piano Class **Half Courses**
Continuation of Music 129–130. Piano proficiency examination is the final examination for Music 230. Two class hours, six hours practice weekly.

309-310. Composition **Half Courses**
Prerequisites: Music 211–212. Basic techniques of composition. Writing in smaller forms. 1972–73 and alternate years.

315-316. Accompanying and Improvisation **Half Courses**
The art of accompanying on the organ and the adapting of other scores to the organ. Develops fluency in improvisation at the organ by using basic keyboard skills, basic forms, and modulations. 1971–72 and alternate years.

323. Principles of Conducting **Half Courses**
A study of the basic principles of conducting, score reading, baton technique. May be taken in conjunction with one of the two following courses for full course credit.

326. Instrumental Conducting **Half Courses**
Prerequisite: Music 323. Band and orchestral conducting, score reading, baton technique.

328. Choral Conducting **Half Courses**
Prerequisite: Music 323. Score reading and application of choral methods.

329. Music Education
Theory of music and elementary music teaching methods for the general classroom teacher.

331. Percussion Class **Half Courses**
Spring, 1972, and alternate years.

333. String Class **Half Courses**
Spring, 1973, and alternate years.

334. Piano Teaching Methods
Survey of piano pedagogy with review of various methods and approaches to the teaching of piano.

335. Brass Class **Half Course**
Study of the principles of brass instruments. Fall, 1972, and alternate years.

337. Woodwind Class **Half Course**
Study of the principles of woodwind instruments. Fall, 1971, and alternate years.

339-340. Voice Class **Half Courses**
Fundamentals of voice production. For non-voice majors, and for electives.

341-342. Music History
Prerequisites: Music 141–142 or consent of instructor. First semester: history of music through the Renaissance. Second semester: history of music from the Renaissance through the 18th century.

411. Orchestration
Scoring and analysis of scores for orchestra and band.

441-442. Music History
Prerequisites: Music 341–342. First semester deals with the history of music from the end of the 18th century to the present. Second semester is a seminar in music, theoretical and historical, involving intensive studies in various musical topics (normally two or three different ones each semester). Second semester may be repeated for three hours credit.

444. Church Music
Prerequisites: Music 341–342, 441. A historical survey of religious music.

Applied Music: Private Instruction

170, 270, 370, 470. Private Applied **Half or Full Course**
Half hour or one hour lesson with from five to 15 practice hours weekly. For minor instrument, voice, or non-major elective. Also may be recommended for entering freshmen who are deficient in their major applied area. May be repeated for additional credit.

100. Major Private Applied
Freshman applied music. One hour private lession weekly with 10–15 hours of practice.

200. Major Private Applied
Sophomore applied music. One hour private lesson weekly with 10–15 hours of practice.

300. Major Private Applied
Junior applied music. One hour private lesson weekly with 10–15 hours of practice.

400. Major Private Applied
Senior applied music. One hour private lesson weekly with 10–15 hours of practice. In some degree programs, a full recital is required during the senior year.

Ensemble

151. Band **Cumulative Half-Course**
153. Choir **Cumulative Half-Course**
155. Orchestra **Cumulative Half-Course**
157. Ensemble **Cumulative Half-Course**

Vocal and instrumental ensemble, directed accompanying, and Opera Workshop.

PHILOSOPHY

Associate Professor Cox, *Chairman*
Assistant Professor: Beaird

The courses in philosophy are designed to acquaint the student with systems of though about life and reality, and to help him understand the function of intelligence in life. To this end the department provides courses in problem areas contributing to other academic disciplines and the general liberal arts program of the College, and a major in preparation for professional or graduate work. Although in general all the courses are designed for students who have attained sophomore or higher standing, exceptions may be made by the instructor for students with particular abilities. Philosophy 101 is not considered a necessary prerequisite for other courses.

Major Requirements

A philosophy major is required to take ten courses in philosophy, including 202, 203, 209, 210, two courses at 300 level, and two courses at the 400 level. The approval of the entire course of study by a departmental adviser is also necessary. Two courses at the intermediate level of a departmentally approved foreign language are required.

101. Introductory Problems in Philosophy
An introduction to philosophical method through problems selected from such areas as theory of knowledge and reality, art, ethics, religion, and science. Yearly.

202. Ethics
An introduction to the basic concepts and problems of ethics. Ancient and modern theories considered. Yearly.

203. Logic
An introduction to the fundamental principles of deductive and inductive reasoning, and in symbolic logic. Yearly.

205. Esthetics
A philosophical study of the creative impulse, the art object, and the esthetic experience. Yearly.

208. Social Philosophy
An examination of such concepts as freedom, equality, justice, and democracy as related to contemporary issues of social policy. Yearly.

209, 210. History of Philosophy
A historical survey of leading philosophers and philosophical ideas. Yearly.

303. Philosophy of Religion
A study of the problems of religious language and truth, the existence of God, and related religious concepts. Yearly. (Same as Religion 303.)

304. Contemporary Philosophy
An examination of the major figures and types of 20th century philosophy. Yearly.

305. Epistemology
Prerequisite: Permission of instructor. The study of classical and contemporary issues and theories concerning the problem of knowledge. Fall, 1972, and alternate years.

306. Metaphysics
Prerequisite: Permission of instructor. A study of the basic categories of experience and ultimate reality. Alternate years.

307. Philosophy of Eastern Religions
An historical study of the fundamental philosophical concepts of near and far eastern religions and ethical systems. Alternate years. (Same as Religion 307.)

401, 402. Seminars
Prerequisite: Permission of instructor. Group study of historical topics or of problems, as determined by student interest and need. Study based on student discussion and papers. Offered yearly, or upon demand.

403. Independent Study
Prerequisite: Permission of instructor. Independent research and writing on a problem of student's choosing with approval and under direction of instructor. Offered yearly, or upon demand.

PHYSICS

Associate Professor Walker, *Chairman*
Professors: Galloway, Parker
Instructor: Williams

The physics curriculum is made up of introductory courses designed to familiarize the non-science major with the fundamental concepts of physics; courses designed to give the science major a firm grasp of the principles of classical and modern physics; and advanced courses designed to prepare the physics major with the necessary background in experimental and theoretical physics to meet the demands of graduate study and research.

The freshman who plans to major in physics should have a high school background in mathematics through trigonometry. In the absence of such preparation, he is strongly adviced to take Mathematics 101 or an equivalent course during the summer session prior to the fall semester of his freshman year.

Major Requirements
There are two major programs in physics, one leading to the degree of Bachelor of Arts, the other to the degree of Bachelor of Science. The B.A. program requires the following courses: Physics 103, 104, 204, 211, 304, 301–302, 311, 321, and 413; Mathematics 106, 201, 202, and 303; and two courses in one of the related fields of chemistry, geology, biology, astronomy, or engineering. The B.S. program requires these courses, and in addition, Physics 212, 312, 414, and 424; and Mathematics 307. The two related courses must be Chemistry 101–102.

001-002. Physics Problems I-II **No Credit**
A supplement to the required work of Physics 103, 104, providing additional practice in setting up and solving problems within the scope of these courses. Yearly.

103. Introductory Physics I
Prerequisite: Mathematics 106 previously or concurrently. The principles and classic experiments of mechanics, thermophysics, and optics. Kinematics and elementary dynamics of point masses and rigid bodies. Kinetic theory; first and second laws of thermodynamics; heat conduction. Introduction to geometrical and physical optics. Yearly.

104. Introductory Physics II
Prerequisites: 103; and Mathematics 201 previously or concurrently. Theory and classic experiments of electricity and magnetism. Fields, potentials, dielectric materials, DC and AC circuits. Introduction to laboratory techniques, including experimental procedures, experiment evaluation, methods of data reduction, and reporting of results. Yearly. (3–3)

111-112. General Astronomy
A study of the earth as a body in space and its relation to the remainder of the solar system. Stars, star clusters, nebulae, external galazies, and other astronomical objects. Analysis of light and methods of obtaining and treating astronomical data. The laboratories develop experimental skills in collecting and evaluating astronomical data; planetarium and observatory facilities available in the Shreveport area are used. 1973–74 and alternate years. (3–3)

204. Introductory Modern Physics
Prerequisite: 104. Quantum phenomena, relativity, and introduction to statistical mechanics. The quantum hopothesis; the Bohr-Rutherford atom and the origin of spectral lines; de Broglie waves and the Schrodinger equation. The relativity principle and the constancy of the speed of light. Boltzmann statistics, quantum statistics, and simple applications. Introduction to the physics of nuclei. Laboratory work illustrates these principles, but is sufficiently independent that it may be taken alone for one-half course credit, with the consent of the instructor and appropriate choice of experiments. Fall, yearly. (3–3)

211. Mathematical Physics
Prerequisite: 104. An introduction to the basic mathematical methods and techniques used in the solution of physical problems, with emphasis upon applications rather than theory. Topics discussed include coordinate systems, vector analysis, complex variables, differential equations, and evaluation and applications of the difinite integral. Practical aids to solution, including mathematical tables, calculators, and the digital computer. Sufficient computer programming is taught to permit effective use of the computer in solving appropriate simple problems. Laboratory exercises are devoted to the discussion of particular problems and techniques in detail. Yearly. (3–3)

212. Electronics for Scientists
Prerequisite: 211 and consent of instructor. Principles and applications of vacuum tube and solid state electronics, with emphasis upon laboratory instrumentation, limitations of electronic devices, and the practical aspects of instrumentation systems. Electrical measurements, power supplies, amplifiers, oscillators, servo-mechanisms, logical and digital circuits. Spring, 1973, and alternate years. (2–6)

301-302. Physics Laboratory **Half Courses**
Prerequisite: 204 and 211. Advanced experimental techniques in physics. Design and construction of apparatus, including use of the machine shop. Electronic techniques and precision instrumentation. Experiments are selected in consultation with the instructor, and may include topics in mechanics, thermophysics, electricity, optics, or modern physics. Three hours of laboratory weekly. Yearly.

304. Wave Phenomena
Prerequisite: 211. A study of wave phenomena emphasizing the generality of the wave equation and the wide applicability of its solutions. Examples from electromagnetic wave propagation, physical optics, acoustics, and quantum mechanics. Yearly.

311. Intermediate Mechanics
Prerequisite: 211. A vector treatment of mechanics. Forces and moments, statics, particle kinematics and dynamics. Work, kinetic and potential energy, impulse and momentum. Orbits of a particle in a central force field. Yearly.

312. Dynamics
Prerequisites: 311; and Mathematics 307 previously or concurrently. Rigid body motion in three dimensions, generalized coordinates, Lagrange and Hamiltonian formulations. Vibrating systems and normal modes; mechanics of continuous media. Yearly.

321. Statistical Physics and Thermodynamics
Prerequisites: 204 and 211; and Mathematics 303 previously or concurrently. A study of thermodynamic systems as statistical ensembles, emphasizing the relation of microscopic properties of systems to their macroscopic behavior. Important thermodynamic relations and applications. Yearly.

331. Astrophysics: the Solar System
Prerequisites: Mathematics 201, and Physics 104 or consent of instructor. Principles of solar system physics including general features and motions of the system, celestial mechanics, observational instruments and techniques, solar structure and atmosphere, the interplanetary medium; planetary interiors, surfaces, and atmosphere; structure and orbits of satellites, meteors, and comets; theories of solar system origin and evolution. Offered on demand.

332. Astrophysics: the Stars
Prerequisites: Mathematics 201, and either Physics 104 or consent of instructor. Physics of the stars, including determination of stellar distances, luminosities, colors, temperatures, radii, and masses; stellar spectra and spectral classification; the H-R diagram; stellar interiors and atmosphere; stellar evolution; variable and unusual stars. Offered on demand.

413. Electricity and Magnetism I
Prerequisite: 211. A field treatment of electricity and magnetism; electrostatic fields and potentials, dielectrics, magentic fields, electromagnetic induction, magnetic materials, energy in static electric and magentic fields. Spring, yearly.

414. Electricity and Magnetism II
Prerequisites: 413; and Mathematics 307 previously or concurrently. An advanced treatment of electric and magnetic fields based on Maxwell's equations; introduction to

theories of dielectric and magnetic materials; static boundary value problems. Electromagnetic waves, wave guides and other boundary value problems. Fall, yearly, except 1972–73.

424. Modern Physics
Prerequisites: 204, 304, 312, 414. An advanced treatment of selected principles of modern physics illustrating their importance in understanding the observed behavior of matter. Topics vary from year to year, and may include relativity, quantum mechanics, the solid state, and atomic and nuclear physics. Yearly, except 1972–73.

441, 442. Independent Study **Variable Credit**
Prerequisite: consent of instructor. Guided independent study of a topic agreed upon by the student and any member of the department. Either a theoretical or an experimental subject may be selected. Written reports or oral presentations may be required when appropriate. Credit may vary from one-half to two courses per semester. May be repeated for credit.

Engineering

The Department of Physics offers the basic courses necessary for the student to proceed sucessfully in the Combined Plan ("3-2") professional programs described elsewhere in this Catalogue. These courses provide the fundamentals in scientific fields and professional engineering skills essential to the application of engineering principles in modern technology. Those interested in the Combined Plan BA-BS programs should consult the chairman of the department.

101. Engineering Drawing **Half Course**
Instruction in the proper care and use of drafting instruments, lettering, freehand sketching, orthographic projection, geometrics, dimensioning, section views, auxiliaries, working drawings, isometrics, tracing, and graphic solutions. Offered on demand.

103. Engineering Orientation and Graphics
Elementary design graphics as applied to the various fields of engineering. Application of the slide rule and electronic calculator to simple engineering problems. Study of the various fields of engineering, professional responsibilities, and characteristic problems of the profession. Yearly. (1–6)

119-120. Architectural Graphics **Half Courses**
An elementary course in architectural graphics and design composition. Instruction in the fundamentals of perspective, graphics, visualization, lines, planes, color, mood, texture, static and dynamic symmetry, details and design of small objects. Designed for the prospective architect. Offered on demand.

142. Map Drafting **Half Course**
Prerequisite: 101. Instruction in map construction, projections, reproduction, aerial photography, composition, contours, ownership maps, plotting and sketching, types of maps and uses. Offered on demand.

201-202. Advanced Engineering Drawing
Prerequisite: 103 or 251. Instruction in machine drafting and graphics, shop drawings, industrial projection drawings and dimensioning, costs, shades, shadows, detail and assembly drawings of complicated machines and scientific devices. Offered on demand.

251. Descriptive Geometry
Prerequisite: 103. A study of lines, points, planes, three-dimensional problems, visualization, developments, intersections, shades, shadows, and graphic solutions. Spring, yearly. (2–3)

259. Plane Surveying and Mapping
Prerequisite: Mathematics 101 or 106, previously or concurrently. Use and care of field equipment used in surveying. Mapping in the field, area computations, errors of measurement and their correction. Plane table mapping. Yearly. (2–3)

320. Materials of Industry
A study of industrial materials, their composition, applications, processing, and uses. Yearly.

PSYCHOLOGY

Professor Gwin, *Acting Chairman*
Assistant Professor: Bennett
Instructor: Dulle

Major Requirements

Within the framework of natural science, psychologists attempt to understand human behavior by discovering functional relationships between behavior and conditions in the environment and in the organism. The psychology major requires ten courses in psychology as approved by the adviser.

101. General Psychology
Introduces the study of human and animal behavior in the areas of heredity, sensory processes, learning, perception, motivation, language and thinking. Offered Fall Semester.

102. General Psychology
A continuation of the study of behavior focusing on personality, behavior pathology, psychotherapy, behavior modification, attitudes, social and industrial psychology. Offered Spring Semester.

203. Statistics for Behavioral Science
Prerequisite: Mathematics 101 or higher. The logic and application of standard statistical tests in the analysis of data. Topics include: descriptive statistics, statistical inference, correlation, T-test, and simple analysis of variance. (Same as Sociology 203). Offered yearly.

211. Human Growth and Development
A study of the various aspects of human development from conception to age 21. Individual reading assignments concentrated in the particular age level of interest to the student. Presentations, reports, and demonstrations of typical behavior of selected age groups are required of each student. Offered each semester.

221. The Exceptional Child
Emphasis on the processes which contribute to personality. Study of gifted, retarded, emotionally disturbed children; learning disabilities, hard-of-hearing, visually handicapped, culturally deprived, and other disabilities that require special services.

305. Social Psychology
Prerequisites: Psychology 101 or Sociology 101. A study of the nature of social behavior; a psychological and social analysis of society and social institutions and their influence on the behavior of individuals. (Same as Sociology 305.) Offered yearly.

311. Physiological Psychology
A study of the physiological correlates of behavior. Emphasis on basic neuroanatomy, motor systems, sensory systems, sleep, attention, motivation, emotion, and physiological contributions to learning theory. Biology 101–102 strongly recommended. (Same as Biology 311.) Offered Fall, 1971, and alternate years.

312. Introduction to Psychological Tests
Prerequisite: Psychology 203. A study of the theories underlying psychological tests and scales, and of the interpretation and use of the data which they yield.

321. Experimental Psychology I
Prerequisite: Psychology 203. A study and use of the methods of experimental approach in the study of learning and motivation. Yearly.

322. Experimental Psychology II
Prerequisites: Psychology 203 and 321. Examination of experimental evidence relating to the senses and the organization of sensory experience. A series of experiments in this area. Yearly.

328. Human Relations
A study of individual, small group, and organizational behavior in the business setting. Problems of motivation and communication are studied in goal-oriented activity. (Same as Business 328.) Yearly.

411. History and Systems of Psychology
Prerequisite: Psychology 101 or permission of the instructor. A study of some of the important approaches to the study of psychology, both historical and contemporary. Offered in alternate years.

421. Abnormal Psychology
Prerequisite: Psychology 101 or permission of the instructor. A study of the major syndromes of behavioral disorders.

422. Theories of Personality
Prerequisite: Psychology 101 or permission of the instructor. A study of selected research and theories in the field of personality.

430. Independent Study.
Prerequisite: Approval of the department.

RELIGION

Professor Pomeroy, *Chairman*
Professor: Pledger
Assistant Professor: R. E. Taylor
Lecturers: Watson, Ginn

The Department of Religion attempts to lead student in serious philosophical and religious consideration of the questions of man's origin, destiny, meaning and purpose. The basic assumption of the courses is that these questions are best dealt with in the Jewish-Christian history and writings.

Major Requirements

For the B.A. in religion, ten courses in the Department of Religion are required, including 201, 202, 307, 311, and 402; plus the following: one course in sociology (101, 102, 103, or 201), Psychology 101, Latin 101–102, Art 101, Philosophy 303, and English 309 and 402.

Pre-Theological Curriculum

Entrance requirements of seminaries and graduate schools of religion must be met with courses in addition to the requirements of the major and the distributive requirements. Therefore, students who plan such graduate or professional study should consult with a member of the Department of Religion before enrolling for work beyond the first semester of the freshman year.

101. Understanding Religion
An introduction to religion which deals with such areas as the nature of religious thought and action, modes of religious awareness, aesthetics and personal fulfillment, justice as ultimate concern, and mysticism. May not be used to satisfy major requirements. Offered each semester.

201. Old Testament Survey
Each semester.

202. New Testament Survey
Each semester.

203. History and Doctrines of Methodism
Study of the movement which affected the social and religious life of 18th century England and which influenced the cultural, religious, and political development of America. Primary sources are the works of John Wesley, and secondary sources are recent interpretative biographies and histories of Methodism.

301, 302. History of the Christian Church
First half: survey of development of the Christian Church in thought and individual life from the first century to the Reformation. Careful study is made of the lives and writings of the leading figures of this period. Second half: study of the major branches of the Christian Church and trends of development since the Reformation. (Same as History 301, 302.)

303. Philosophy of Religion
A study of the problems of religious language and truth, the Existence of God, and related religious concepts. Yearly. (Same as Philosophy 303.)

306. Prophets of Israel
Study of the prophetic movement and its historical background in Israel from the time of Moses until its close with the book of Jonah. Spring, 1973, and alternate years.

307. Philosophy of Eastern Religions
An historical study of the fundamental philosophical concepts of near and far eastern religions and ethical systems. Same as Philosophy 307.

311, 312. Theology of New Testament Writers
Directs students in research and study to discover the theology of the earliest Christian writers as reflected in the literature of the New Testament. Form criticism and reduction criticism are used. Included in the first semester are Acts and the Synoptic Gospels. The second semester concentrates on the writings of Paul and John.

317, 318. Renaissance and Reformation
(Same as History 317, 318.)

402. Directed Study in Christian Thought
Prerequisites: Religion 201 and 202, and consent of instructor. Study of classical religious writings from various periods of the Church's history. Selections from Augustine, Aquinas, Luther, Calvin, Wesley, Schleiermacher, Kierkegaard, Barth, Tillich, and others will be chosen.

405. Independent Study in Religion
Open to junior and senior students with the consent of the instructor and the chairman of the department. Minimum of one hour conference per week. Library and research work comprise the major portion of the study. A written thesis is required. Offered each semester or upon request.

I-99 Interim Studies
Various topics, some interdisciplinary, offered for study during the January Interim.

Christian Education

209. The Contemporary Church
A study of the meaning, problems, and expressions of the Church in temporary culture. Offered alternate years.

310. Introduction to Christian Education
Survey of the whole field of Christian education, with emphasis upon its historical and theological foundations.

412. Seminar in Christian Education
Prerequisite: 310. Intensive study and/or projects in specific areas of Christian education.

SOCIOLOGY

Professor Pledger, *Chairman*
Professor: Allen
Instructor: Vetter

The courses in the Department of Sociology fall into three somewhat overlapping areas. These are courses intended to develop the general culture of the student; courses supporting other curricula for which knowledge of social institutions and behavior is essential; and courses needed to prepare the student for a specific profession.

The objective of the department is to help the student, whatever his prospective profession, to know himself as a responsible member of society. To do this, he must understand something of group behavior in the urban-industrial milieu of western civilization and be encouraged to recognize his relation to the total pattern as well as to the smaller groups comprising it.

Major Requirements

Candidates for the B.A. in sociology must take ten courses in Sociology, two of which may be from courses 101, 102, and 103. Four courses must be taken from courses numbered 300 and above. The foreign language requirement may be met with Latin 101, 102, or two courses at the intermediate level of a departmentally approved foreign language.

101. Introductory Sociology
An examination of cultural origins; factors in group behavior; bases of personality; and present trends in our own culture. Each semester.

102. Social Institutions
Background, organization, changing character of the basic social institutions, with particular reference to western civilization. Each semester.

103. Introduction to Anthropology
A study of ancient and modern man, race, culture, and society. Emphasis on the cultural approach. Yearly.

201. Contemporary Social Problems
Prerequisite: 101. An examination of the various contemporary social problems, causes, extent, cost, and possible solutions. Yearly.

202. Marriage and Family
Prerequisite: 102 or one course in psychology. Problems related to preparation for marriage; marital adjustments; organization and function of the family. Yearly.

203. Statistics
(Same as Psychology 203.) Yearly.

301. Community Organization
Prerequisite: Junior standing. Community organization as a process in social work, its characteristics and growth. Discussion of councils of social agencies, community chest, and similar agencies primarily carrying out this process. Analysis of statewide, national, and international agencies of organization for social welfare. Some attention given to the problems of research. Alternate years.

302. Introduction to Social Work
Prerequisites: 101, 102. Underlying philosophy and basic principles of social casework, and a study of the various categories of welfare work. Alternate years.

303. Majority-Minority Relations
Prerequisite: 101, or permission of instructor. Focus on the causes, purposes, and consequences of prejudices, discrimination, and segregation, especially as they are manifested in various institutional contexts. Problems of self-conception, adjustment patterns, social movements, community organization. Yearly.

305. Social Psychology
Prerequisite: Sociology 101 or Psychology 101. A study of the nature of social behavior; a psychological and social analysis of society and social institutions and their influence on the behavior of individuals. Yearly. (Same as Psychology 305.)

400. Southern Regionalism
Prerequisite: Junior standing or above. A study of the population and cultural characteristics of the South, as related to the history and economy of the region; recent trends and prospective changes with reference to rural-urban developments in the region. Alternate years.

401. Criminology
Prerequisite: 101, 102, or one course in psychology. A study and analysis of the factors leading to crime; sociological evaluation of present methods of dealing with the criminal. Yearly.

402. Juvenile Delinquency.
Prerequisite: 102, or one course in psychology. Social and emotional adjustment problems of youth to the age of 21; and analysis of the factors leading to delinquency; sociological evaluation of present methods of dealing with the delinquent. Yearly.

403. Sociological Theory
Prerequisite: 101. A critical study of the major writers from Comte to contemporary sociological theorists, examined in the perspective of various schools of sociological thought. Yearly.

410. Independent Study
Prerequisite: Permission of instructor and chairman of the department.

411-412. Honors
See description under College Regulations.

414. Methods of Social Research
Prerequisite: six courses in sociology and/or other social sciences. Methodology underlying the social sciences; methods by which valid research is carried on in the social sciences; the survey, the interview, use of questionnaire, case studies, and related devices. Yearly.

THEATRE/SPEECH

Associate Professor Buseick, *Chairman*
Associate Professor: Alexander
Assistant Professor: Holloway

The Theatre/Speech Department offers a program to serve three types of students: those who plan to attend graduate school, those who plan to teach, and those who plan to pursue a career in the profession or to use their training for avocational recreation.

The Theatre/Speech Department provides cultural enrichment for the College and the community through its production schedule, representing a "Theatre with a Purpose." Participation in the productions of the department is open to any student enrolled at Centenary College.

Major Requirements

Speech: For the B.A. in speech, the major must complete the following courses in the department: 101, 200, 201, 220, 300, 302, 309, 404, 409, and three courses elected from the following: 112, 203, 204,205, 206, 211, 250, 305, 307, 308, 350, 401, 403, 405, 412. In addition the speech major must complete at least one year (two courses) in a foreign language.

Theatre: For the B.A. in theatre, the major must complete the following courses in the department: 101, 112, 201, 203, 205, 307, 308, 401, 404, and three courses elected from the following: 200, 204, 206, 211, 220, 250, 300, 302, 305, 309, 350, 403, 405, 409, 412. In addition, the theatre major must complete at least one year (two courses) in a foreign language.

Theatre/Speech Certification: For the B.A. degree in Theatre/Speech with teacher certification, the student must complete the teacher certification requirements (see Department of Education in this Catalogue), and the following courses in the Theatre/Speech Department: 101, 112, 201, 203, 205, 211 or 220, 309, 401, and 404, and three more courses elected from the following: 200, 204, 206, 250, 300, 302, 305, 307, 308, 350, 403, 405, 409, 412. In addition this major requires completion of one year (two courses) in a foreign language.

101. Fundamentals of Voice and Diction
Study of vocal usage and work designed to improve personal speech. Exercises in breathing, relaxing, pronounciation and voice production. Each semester.

105. Workshop Production
A laboratory course in all phases of staging utilized in summer productions of the department. Offered summers only.

107. Workshop Acting
An applied study of the art of acting, correlated with summer productions of the department. Offered summers only.

112. Analysis and Criticism
An introductory study of form and technique of dramatic literature. Yearly.

114. Production and Performance **Cumulative half-course**
A practical experience in relation to productions, both performance and technical, with an academic evaluation paper for each production per semester. May be elected twice (or once, together with another activity course) to accumulate a half-course credit. Offered each semester.

200. Public Speeking
The development of oral communication skills employed in extemporaneous and impromptu speaking. Each semester.

201. Introduction to Interpretation
Emphasis on voice development in relation to the study of esthetic and intellectual content of all types of literature. Yearly.

203. Movement
A study of the body as one of the tools in acting. Work on scenes and creative expression through physical movement. Fall, 1973, and alternate years.

204. Improvisation
Prerequisite: 203. An intellectual approach to acting through the discovery of the *where, who,* and *what* used to develop creativity and spontaneity in the actor. Spring, 1974, and alternate years.

205. Introduction to Technical Theatre
A course in applied arts in staging, lighting, and scenery. Yearly.

206. Scene Design
Prerequisite: 205. Introduction to the principles of design for the theatre. Spring, 1973, and alternate years.

211. Debate and Argumentation
Study of the principles and practices of debate and argumentation. Yearly.

220. Discussion Practices
Study of the principles of participation in panels, round-tables, symposiums, and forums, with emphasis also upon leadership in these forms. Spring, 1973, and alternate years.

250. Historic Costume for the Stage
A survey of dress, style, and design of personal scenic elements for theatrical production. Spring, 1974, and alternate years.

300. Advanced Public Speaking
Prerequisite: 200. Concentrated study in more formal public address, with emphasis on rhetoric, logic, and audience psychology. Spring, 1974, and alternate years.

302. Advanced Literary Interpretation
Prerequisite: 201. Techniques involved in platform reading, with program presentation of prose, poetry, and drama. Spring, 1974, and alternate years.

305. Stage Lighting and Sound
Survey of light and sound for the communicative media. Fall, 1972, and alternate years.

307. History of the Theatre
The development of the theatre from its beginning to 1800, including highlights of great dramatists and their works, and of production. Yearly.

308. History of the Theatre
Prerequisite: 307. The development of the theatre from 1800 to the present, including highlights of great dramatists and their works, and of production. Yearly.

309. Language of Public Address
Survey of the development and influence of oral language from Greek to the present. Fall, 1972, and alternate years.

311. Forensics
Theory and practice of individual events and current debate topic as related to intercollegiate competition. May be repeated once (or offered in conjunction with another activity course) to accumulate a half-course credit.

350. Costume Design
Prerequisite: 250. Emphasis on design principles and construction. Spring, 1973, and alternate years.

401. Directing
Open only to senior speech or theatre majors. A study of the development of the director and his responsibilities in the theatre, together with a survey of production principles. One-act plays produced by members of the class. Yearly.

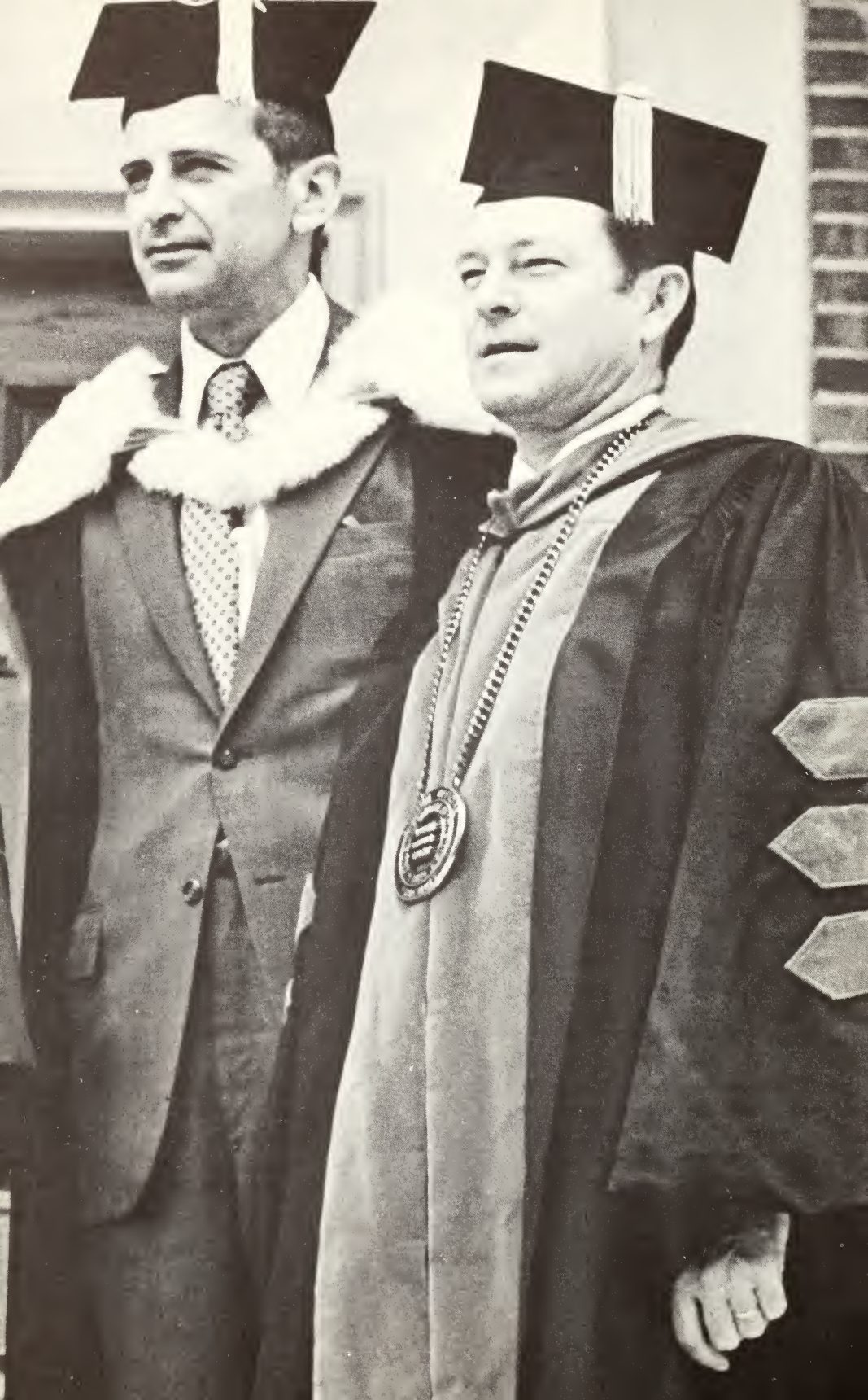
403. Seminars
Prerequisite: Consent of instructor. Advanced courses arranged for the individual major's requirement. Each semester.

404. Independent Study
Prerequisites: junior or senior standing and consent of instructor. Designed for flexibility, this course is offered to meet the need of the individual student. Examples of projects: writing of a thesis, mounting of a production, development of a course of study, playwriting, research and conference. Each semester.

405. Styles of Acting
Prerequisite: 204. A survey of acting styles in Greek Classical, Restoration Comedy, Commendia dell'Arte, late Gothic, Elizabethan, Eighteenth Century, Nineteenth Century, Musical Comedy, and Theatre of the Absurd. Fali, 1972, and alternate years.

409. History of American and British Public Address
A historical and critical analysis of American and British public address as social, religious, political, and intellectual influences. Spring, 1973, and alternate years.

412. Philosophies and Styles of Readers Theatre
Study of the development and philosophies of all styles of Reader's Theatre, and of the adaptation and arrangement of literature for group presentation. Fall, 1973, and alternate years.



VII
REGISTERS

BOARD OF TRUSTEES

OFFICERS

George D. Nelson, Chairman
J. Hugh Watson, Vice Chairman
Charlton H. Lyons, Jr., Secretary

TERM EXPIRES IN 1973

Floyd C. Boswell (Shreveport)
Mrs. Beynon S. Cheesman (Shreveport)
Rev. Dr. Jack Cooke (Shreveport)
Rev. Dr. D. L. Dykes, Jr. (Shreveport)
Murray C. Fincher (New Orleans)
Mrs. Thomas E. Hogan (Shreveport)
G. W. James (Ruston)
T. B. Lanford (Shreveport)
Harry R. Nelson (Shreveport)
Mrs. Justin R. Querbes, III (Shreveport)
D. A. Raymond, Jr. (Shreveport)
Albert Sklar (Shreveport)
J. Hugh Watson (Shreveport)

TERM EXPIRES IN 1974

Mrs. G. M. Anderson (Shreveport)
Douglas F. Attaway (Shreveport)
Sam B. Grayson (Shreveport)
Gen. John S. Hardy (Shreveport)
Rev. John F. Kilpatrick (Shreveport)
Dr. Charles D. Knight (Shreveport)
J. C. Love, Jr. (Ruston)
Rev. Dr. Douglas L. McGuire (Baton Rouge)
Rev. Dr. Sam Nader (Shreveport)
James N. Patterson (Shreveport)
Cecil E. Ramey, Jr. (Shreveport)
Hon. Joe D. Waggonner, Jr., M.C. (Washington, D. C.)
Dale Waller (Shreveport)

TERM EXPIRES IN 1975

John B. Atkins, Jr. (Shreveport)
Wm. Russell Barrow (Shreveport)
Charles Ellis Brown (Shreveport)
Marlin W. Drake (Shreveport)
James C. Gardner (Shreveport)
O. D. Harrison (Shreveport)
Robert U. Haslanger (Houston, Texas)
Emmett R. Hook (Shreveport)
Voris King (Lake Charles)
Mrs. Glenn E. Laskey (Ruston)
Rev. Dr. Carl F. Lueg, Sr. (Monroe)
Charlton H. Lyons, Jr. (Shreveport)
Loy Beene Moore (Shreveport)
George D. Nelson (Shreveport)
Mrs. W. Peyton Shehee, Jr. (Shreveport)
Rev. Dr. Bentley Sloane (Alexandria)
N. H. Wheless, Jr. (Shreveport)
Rev. Harvey G. Williamson (Lake Charles)

LIFE MEMBERS

Rev. Dr. J. Henry Bowdon, Sr. (Lake Charles)
Paul M. Brown (Shreveport)
Col. S. Perry Brown (Austin, Texas)
Mrs. Ruth Jones Cadwallader (New Orleans)
Howard R. Crumley (Shreveport)
Rev. Dr. James T. Harris (Franklinton)
Mrs. Ed E. Hurley (Shreveport)
Rev. Dr. H. L. Johns (Monroe)
Hon. Sam H. Jones (Lake Charles)
Charlton H. Lyons, Sr. (Shreveport)
Bonneau Peters (Shreveport)
Rev. Dr. G. W. Pomeroy (Lake Charles)
Rev. Dr. B. C. Taylor (Shreveport)
J. Robert Welsh (Shreveport)

EX OFFICIO MEMBERS

Bishop of Louisiana Area, United Methodist Church

Dr. John Horton Allen (Shreveport)

ADMINISTRATION 1971-72

John Horton Allen, Ph.D. ..... *President of the College*
T. N. Marsh, M.A., B.Litt. ..... *Dean of the College*
Grayson B. Watson ..... *Acting Director of Development and Director of Church Relations*
B.A., Centenary College, 1961;
B.D., Duke University, 1964
C. L. Perry (Retired 2/28/72) ..... *Comptroller*
B.A., Northwestern State College, 1931; M.A., Louisiana State University, 1944
James L. Allen ..... *Comptroller*
B.B.A., University of Texas, 1949; M.P.A., University of Texas, 1955
G. Edwin Miller, Jr. ..... *Dean of Students*
B.A., Northwestern State College, 1963; M.S., Southern Illinois University, 1965; Ph.D., United States International University, 1969
Mrs. Shirley Baird Rawlinson ..... *Dean of Women*
B.A., Centenary College, 1938
Lawson B. Arrington ..... *Acting Assistant Comptroller*
B.A., Northwestern State College, 1935
Mrs. Robbie Campbell, R.N. ..... *College Nurse*
Gerald Wayne Curtis, Jr. ..... *Admissions Counselor*
B.A., Centenary College, 1969
David Dent ..... *Admissions Counselor*
B.A., Centenary College, 1970
Mrs. Rosemary Eubanks ..... *Director of Financial Aid*
John J. Evans ..... *Director of Continuing Education and Assistant to the President*
B.A., Centenary College, 1963
Mrs. Lois Gowan ..... *Teacher Placement Bureau*
Robert B. Holladay ..... *Director of Alumni*
B.A., 1954; M.A., 1959, University of Tulsa; B.D., Southern Methodist University, 1959
John Stephen Holt ..... *Director of Student Activities*
B.A., Louisiana State University, 1969; M.Ed., Northwestern State University, 1971
Warren L. Levingston ..... *Assistant Director of Admissions*
B.S., Centenary College, 1957; B.D., Southern Methodist University, 1960; M.A., George Peabody College, 1967
H. Kneeland Phelps, Jr. ..... *Development Trust Adviser*
W. F. Pledger, Ph.D. ..*Director of Evening and Summer Session*
H. E. Raney, Jr. .....*Superintendent of Buildings and Grounds*
Mrs. Zama Russell ..... *Registrar*
James P. Shultz ..... *Director of Admissions*
B.A., Capital University, 1950

Richard A. Skarsten .....*Manager of the College Bookstore*
B.A., Centenary College, 1971
B. C. Taylor .....*Vice President Emeritus*
B.A., Centenary College, 1922; B.D., Southern Methodist University, 1925; D.D., Centenary College, 1940
Robert Ed Taylor, S.T.M. .....*Chaplain to the College*
John G. Walker .....*Admissions Counselor*
B.A., Centenary College, 1969
Vivian Gannaway Walker .....*Admissions Counselor*
B.A., Centenary College, 1969
Maurie Wayne .....*Director of Public Information*
Ken A. Weaver .....*Assistant Director of Admissions*
A.B., Cincinnati College Conservatory of Music, 1950

FACULTY 1971-72

RUTH JOY ALEXANDER .....*Associate Professor of Speech and Theatre*
B.A., Texas State College for Women, 1944; M.A., University of Wisconsin, 1955. (1958)
JOHN HORTON ALLEN .....*Professor of Sociology and President of the College*
B.A., Southeastern State College, 1949; M.A., Louisiana State University, 1951; Ph.D., Pennsylvania State University, 1955. (1969)
MARY BETH ARMES .....*Assistant Professor of Music*
B.M., Eastman School of Music, 1963; M.M., Arizona State College, 1966. (1970)
CHARLES T. BEAIRD .....*Assistant Professor of Philosophy*
B.A., Centenary College, 1966; Ph.D., Columbia University, 1972. (1969)
ROY L. BEARD .....*Lecturer in Economics and Business*
B.A., Louisiana State University, 1955; LL.D., New York University, 1960. (1967)
THEODORE T. BECK .....*Professor of French and Chairman, Department of Foreign Lanugages*
A.B., Colgate, 1928; M.A., University of Georgia, 1940; Ph.D., Louisiana State University, 1961. (1961)
LAVERNE BENNETT .....*Assistant Professor of Psychology*
B.S., 1960, Ed.M., 1966, Ed.D., 1971, Northwestern State University. (1971)
JOHN L. BERTON .....*Professor of Economics and Business and Chairman of the Department*
B.S., University of Tulsa, 1957; M.B.A., 1961, Ph.D., 1965, University of Arkansas. (1967)

ILSE K. BISSELL .....*Instructor in German*
A.B., 1957, M.A., 1958, University of Bonn; Diploma, Berlitz School, 1960. (1965)

ROBERT R. BUSEICK .....*Associate Professor of Theatre and Speech and Chairman of the Department*
B.S., Eastern Oregon College, 1955; M.F.A., University of Portland, 1964. (1969)

VIRGINIA CARLTON .....*Professor of Mathematics and Chairman of the Department*
B.S., Centenary College, 1939; M.S., Tulane University, 1940; Ph.D., Northwestern University, 1959. (1946–48; 1957) (Leave of absence, 1970–72)

CONSTANCE CARROLL .....*Lecturer in Music*
B.M., University of Arizona, 1957; M.M., Eastman School of Music, 1959. (1969)

FRANK M. CARROLL .....*Professor of Music and Director, School of Music*
B.M., Shenandoah Conservatory of Music, 1950; M.M., College of Music of Cincinnati, 1952; Ph.D., Eastman School of Music, 1960. (1969)

B. P. CAUSEY .....*Associate Professor of Music*
B.A., Northwestern State College, 1939; M.M., Northwestern University, 1954. (1941)

IRENE COOKE .....*Assistant Professor and Cataloguer*
B.A., University of Southwestern Louisiana, 1934; B.S.L.S., Louisiana State University, 1937. (1962)

WILLARD COOPER .....*Professor of Art and Chairman of the Department*
B.A., Centenary College, 1947; M.F.A., Escuela Universitaria de Belles Artes, Mexico, 1949. (1958)

JUD H. COPELAND .....*Instructor in French*
B.A., Centenary College, 1965; M.A., University of Arkansas, 1967. (1969)

GRANTHAM COUCH .....*Lecturer in Business*
B.S., Washington and Lee University, 1962; M.B.A., University of Pennsylvania, 1964. (1968)

L. HUGHES COX .....*Associate Professor of Philosophy and Chairman of the Department*
A.B., Wabash College, 1953; S.T.B., Boston University, 1956; M.A., 1959, Ph.D., 1963, Yale University. (1967)

ANTONIO CURBELO .....*Assistant Professor of Spanish*
B.A., Candler College of Cuba, 1941; Ed.D., University of Havana, 1945; M.A., Louisiana State University, 1969. (1966)

MARY CURLIN .....*Lecturer in Latin*
B.A., Florida State University, 1932. (1967)

DONALD M. DANVERS . . . *Assistant Professor of Mathematics*
B.A., 1956, M.A., 1958, Northwestern University. (1960)

RONALD E. DEAN . . . . . *Associate Professor of Music*
B.A., Williams College, 1954; M.M., University of Michigan, 1957. (1960)

ROBERT D. DEUFEL . . . . . *Professor of Biology and Chairman of the Department*
B.S., Elmhurst College, 1950; M.S., 1951, Ph.D., 1957, University of Illinois. (1969)

MARK E. DULLE . . . . . *Instructor in Psychology*
B.S., 1967, M.S., 1969, Memphis State University. (1969)

ELIZABETH AUVERT EASON . . *Associate Professor of Spanish*
B.A., Little Rock University, 1963; M.A., 1964, Ph.D., 1966, University of Arkansas. (1969)

WILLIAM A. FAIN . . . . . *Lecturer in Business*
B.S., Centenary College, 1969. (1971)

RODOLFO FERNANDEZ . . . . . *Lecturer in Music*
Licencia, Escuela de Profesores (Chile), 1949; Licencia, Conservatorio Nacional de Musica, Universidad de Chile, 1957. (1969)

ELIZABETH FRIEDENBERG . . . . . *Lecturer in Art*
B.A., Centenary College, 1955; M.A., Stephen F. Austin State College, 1959; Contemporaries Workshop, Cornell University; Tschacbosov School. (1952)

FERGAL P. GALLAGHER . . . . . *Assistant Professor of English*
B.A., 1963, M.A., 1964, Ph.D., 1968, University of Wisconsin. (1968)

LOUIE A. GALLOWAY III . . . . . *Professor of Physics*
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ACADEMIC CALENDAR, 1972–73

FALL SEMESTER 1972

Pre-Registration Faculty Conference		August 25
Dormitories Open for New Students	1:00 p.m.	August 25
New Student Orientation		August 26–29
Registration		
Freshmen and Transfers	12:30 a.m.–4:30 p.m.	August 28
Returning Upperclassmen	8:30–12:30 a.m. and 1:30–4:30 p.m.	August 29
Classwork Begins	7:50 a.m.	August 30
Labor Day		September 4
Last Day for Enrolling or Changing Sections		September 8
Deadline for Dropping Courses Without Academic Penalty		October 6
Mid-Semester Grade Reports Due	9:00 a.m.	October 23
Thanksgiving Recess Begins	12:00 M	November 22
Classwork Resumes	7:50 a.m.	November 27
Classwork Ends		December 8
Semester Examinations		December 11–15
Christmas Recess Begins	5:00 p.m.	December 15

INTERIM 1973

Christmas Recess Ends		January 3
Interim Session		January 3–26

SPRING SEMESTER 1973

Registration	8:30–12:00 a.m. and 1:00–4:00 p.m.	January 29
Classwork Begins	7:50 a.m.	January 30
Last Day for Enrolling or Changing Sections		February 9
Deadline for Dropping Courses Without Academic Penalty		March 9
Mid-Semester Grade Reports Due	9:00 a.m.	March 26
Founder's Day		April 5
Spring Recess Begins	5:00 p.m.	April 13
Classwork Resumes	7:50 a.m.	April 24
Classwork Ends		May 18
Semester Examinations		May 21–25
Baccalaureate	2:30 p.m.	May 27
Commencement	8:00 p.m.	May 27

SUMMER SESSION 1973

Registration	9:00 a.m.	June 4
Classwork Begins	7:00 a.m.	June 5
Mid-Semester		July 6
Final Examinations		August 2–3

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General Interest of the College	The President
Academic Standing and Regulations	Dean of the College
Admission to the College	Director of Admissions
Alumni Activities and Records	Director of Alumni Relations
Gifts or Bequests and Public Relations	Director of Development
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